

## Rabbit SLC39A14 / ZIP14 Polyclonal Antibody | anti-SLC39A14 antibody

Rabbit Polyclonal to Human SLC39A14 / ZIP14

| CATALOG # | HOST   | REACTIVITY                                                                                                                                                             | APPLICATIONS         |
|-----------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| AAA51975  | Rabbit | Bat, Chimpanzee, Dog, Gorilla, Horse, Human, Pig<br>Predicted Reactivity: Orangutan, Gibbon, Monkey, Mouse, Bovine, Hamster (at least 90% immunogen sequence identity) | Immunohistochemistry |

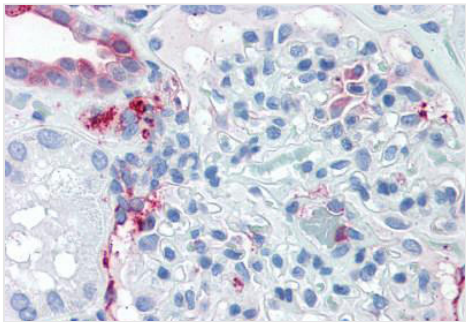
### PRODUCT SYNONYMS

SLC39A14 / ZIP14; Polyclonal Antibody; Rabbit Polyclonal to Human SLC39A14 / ZIP14; Anti-SLC39A14 / ZIP14 Antibody (Internal) IHC-plus; SLC39A14; KIAA0062; LZT-Hs4; NET34; Zrt-; Irt-like protein 14; Zinc transporter ZIP14; ZIP-14; ZIP14; Zrt- and Irt-like protein 14; Cig19; Human SLC39A14; anti-SLC39A14 antibody

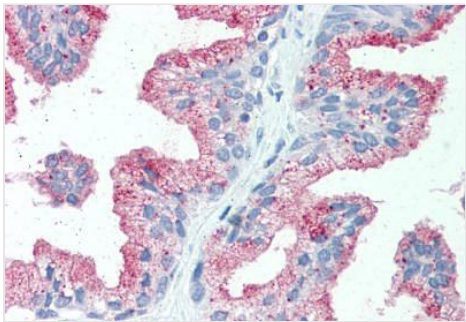
### PRODUCT SPECIFICATIONS

|                                                    |                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                               | Rabbit                                                                                                                                                                                                                                                                                                                                                                |
| Reactivity                                         | Bat, Chimpanzee, Dog, Gorilla, Horse, Human, Pig<br><b>Predicted Reactivity:</b> Orangutan, Gibbon, Monkey, Mouse, Bovine, Hamster (at least 90% immunogen sequence identity)                                                                                                                                                                                         |
| Clonality                                          | Polyclonal                                                                                                                                                                                                                                                                                                                                                            |
| Specificity                                        | Human SLC39A14. BLAST analysis of the peptide immunogen showed no homology with other human proteins.                                                                                                                                                                                                                                                                 |
| Purity/Purification                                | Immunoaffinity Purified                                                                                                                                                                                                                                                                                                                                               |
| Form/Format                                        | PBS, 0.1% sodium azide.                                                                                                                                                                                                                                                                                                                                               |
| Concentration                                      | 1 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                               |
| Sequence Length                                    | 492                                                                                                                                                                                                                                                                                                                                                                   |
| Applicable Applications for anti-SLC39A14 antibody | IHC (Immunohistochemistry)                                                                                                                                                                                                                                                                                                                                            |
| Target Species                                     | Human                                                                                                                                                                                                                                                                                                                                                                 |
| Immunogen Description                              | Synthetic 15 amino acid peptide from internal region of human SLC39A14. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Panda, Dog, Bat, Horse, Pig (100%); Orangutan, Gibbon, Monkey, Galago, Marmoset, Mouse, Hamster.                                                                                                           |
| Immunogen Type                                     | Synthetic peptide                                                                                                                                                                                                                                                                                                                                                     |
| Immunogen                                          | SLC39A14 / ZIP14 antibody was raised against synthetic 15 amino acid peptide from internal region of human SLC39A14. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Panda, Dog, Bat, Horse, Pig (100%); Orangutan, Gibbon, Monkey, Galago, Marmoset, Mouse, Hamster, Bovine (93%); Elephant (87%); Rat, Rabbit, Guinea pig (80%). |
| Antigen Modification                               | Internal                                                                                                                                                                                                                                                                                                                                                              |
| Preparation and Storage                            | Long term: -70 degree C; Short term: +4 degree C                                                                                                                                                                                                                                                                                                                      |

IMAGES



**IHC (Immunohistochemistry)**  
Anti-SLC39A14 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



**IHC (Immunohistochemistry)**  
Anti-SLC39A14 antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

|                                                      |                                                                                        |
|------------------------------------------------------|----------------------------------------------------------------------------------------|
| Product Categories/Family for anti-SLC39A14 antibody | Family: <a href="#">Transporter</a> ; Subfamily: <a href="#">Zinc-iron transporter</a> |
|------------------------------------------------------|----------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">190360568</a>                                                                                                                                                                                                           |
| NCBI GeneID                      | <a href="#">23516</a>                                                                                                                                                                                                               |
| NCBI Accession #                 | <a href="#">NP_001121903.1</a>                                                                                                                                                                                                      |
| NCBI GenBank Nucleotide #        | <a href="#">NM_001128431.2</a>                                                                                                                                                                                                      |
| UniProt Accession #              | <a href="#">Q15043</a> ; <a href="#">Q6ZME8</a> ; <a href="#">Q96BB3</a> ; <a href="#">A6NH98</a> ; <a href="#">B4DIW3</a> ; <a href="#">B6EU88</a> ; <a href="#">D3DSR4</a>                                                        |
| Molecular Weight                 | 54,057 Da                                                                                                                                                                                                                           |
| NCBI Official Full Name          | zinc transporter ZIP14 isoform a                                                                                                                                                                                                    |
| NCBI Official Synonym Full Names | solute carrier family 39 (zinc transporter), member 14                                                                                                                                                                              |
| NCBI Official Symbol             | SLC39A14                                                                                                                                                                                                                            |
| NCBI Official Synonym Symbols    | NET34; ZIP14; cig19; LZT-Hs4                                                                                                                                                                                                        |
| NCBI Protein Information         | zinc transporter ZIP14; ZIP-14; Zrt-, Irt-like protein 14; zrt- and Irt-like protein 14; solute carrier family 39 member 14; LIV-1 subfamily of ZIP zinc transporter 4; solute carrier family 39 (metal ion transporter), member 14 |
| UniProt Protein Name             | Zinc transporter ZIP14                                                                                                                                                                                                              |
| UniProt Gene Name                | <b>SLC39A14</b>                                                                                                                                                                                                                     |
| UniProt Synonym Gene Names       | KIAA0062; ZIP14; LZT-Hs4; ZIP-14                                                                                                                                                                                                    |
| UniProt Entry Name               | S39AE_HUMAN                                                                                                                                                                                                                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.