Rabbit SLC39A14 Polyclonal Antibody | anti-SLC39A14 antibody

SLC39A14 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA330044	**Rabbit**	**Human, Mouse, Rat**	**Western Blot, Immunohistochemistry, Immunofluorescence**

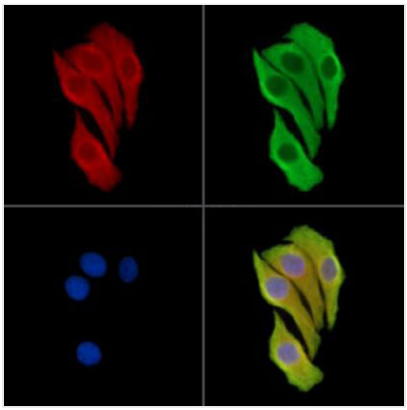
PRODUCT SYNONYMS

SLC39A14; Polyclonal Antibody; SLC39A14 Antibody; Cig19; KIAA0062; LIV-1 subfamily of ZIP zinc transporter 4; LZT-Hs4; NET34; S39AE_HUMAN; Solute carrier family 39 (zinc transporter); member 14; Solute carrier family 39 member 14; Zinc transporter ZIP14; ZIP-14; ZIP14; Zrt Irt like protein 14; Zrt- and Irt-like protein 14; anti-SLC39A14 antibody

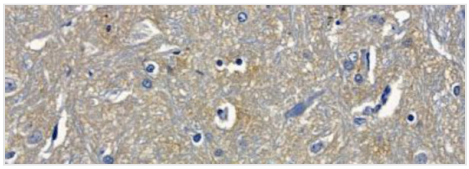
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	~1mg/ml (varies by lot)
Applicable Applications for anti-SLC39A14 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Immunogen	A synthesized peptide derived from Human SLC39A14.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

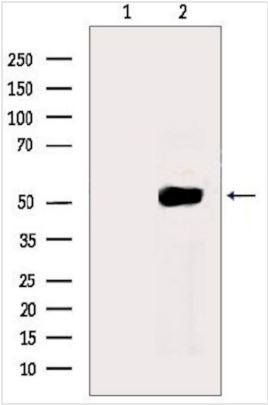
IMAGES



IF (Immunofluorescence)
staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(#AAA330044) and mouse anti-beta tubulin Ab(#) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG Ab(Green) were used as the secondary Ab. The nuclear counter stain is DAPI (blue).



IHC (Immunohiostchemistry)
AAA330044 at 1/100 staining rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-rabbit Ab was used as the secondary Ab.



WB (Western Blot)
Western blot analysis of extracts from Mouse brain, using SLC39A14 Ab. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SLC39A14 antibody	Cell membrane; Multi-pass membrane protein; Cytoplasm; Cell projection; Lamellipodium; Primary

NCBI AND UNIPROT INFORMATION

NCBI GI #	205830424
NCBI GeneID	23516
NCBI Accession #	NP_001128625
NCBI GenBank Nucleotide #	NM_001135153.1
UniProt Accession #	Q15043; Q6ZME8; Q96BB3; A6NH98; B4DIW3; B6EU88; D3DSR4
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	**SLC39A14**
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.

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