

## Rabbit CLCN6 Polyclonal Antibody | anti-CLCN6 antibody

CLCN6 antibody - C-terminal region

| CATALOG # | HOST   | REACTIVITY                                             | APPLICATIONS |
|-----------|--------|--------------------------------------------------------|--------------|
| AAA197960 | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat | Western Blot |

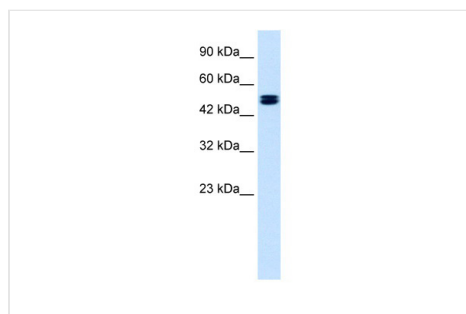
### PRODUCT SYNONYMS

CLCN6; Polyclonal Antibody; CLCN6 antibody - C-terminal region; anti-CLCN6 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat                                                                                                |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Purity/Purification                             | Protein A purified                                                                                                                                    |
| Form/Format                                     | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                        | Synthetic peptide with the following region: PQ FQSI LRKI Q FNFYFRSDR DKRDFVSAGA AAGVAAAFGA PIGGTLFS                                                  |
| Sequence Length                                 | 353                                                                                                                                                   |
| Applicable Applications for anti-CLCN6 antibody | WB (Western Blot)                                                                                                                                     |
| Homology                                        | Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%                                                |
| Immunogen                                       | The immunogen is a synthetic peptide directed towards the C terminal region of human CLCN6                                                            |
| Preparation and Storage                         | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

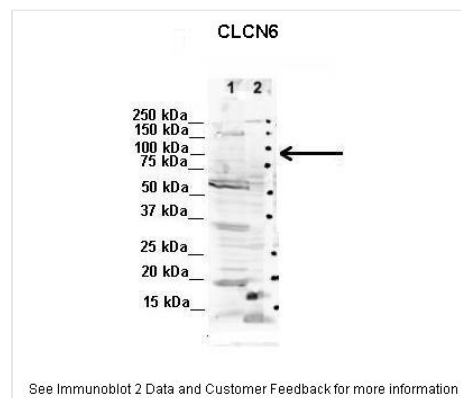
### IMAGES



#### WB (Western Blot)

WB Suggested Anti-CLCN6 Antibody Titration: 1.25ug/ml ELISA Titer: 1:62500 Positive

Control: Jurkat cell lysate



#### WB (Western Blot)

Lanes: 1. Human NT-2 cells (60ug) lysate 2. Mouse WT brain extract (80ug) Primary Antibody Dilution: 2ug/ml Secondary Antibody: IRDye 800CW goat anti-rabbit from Li-COR Bioscience Secondary Antibody Dilution: 1: 20,000 Gene Name: CLCN6 Submitted by: Dr. Yuzhi Chen, University of Arkansas for Medical Science

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CLCN6 antibody | <p>This is a rabbit polyclonal antibody against CLCN6. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: The CLCN family of voltage-dependent chloride channel genes comprises nine members (CLCN1-7, Ka and Kb) which demonstrate quite diverse functional characteristics while sharing significant sequence homology. Chloride channel 6 and 7 belong to a subbranch of this family. Chloride channel 6 has four different alternatively spliced transcript variants. This gene is in close vicinity to two other kidney-specific chloride channel genes, CLCNKA and CLCNKB.</p> |
| Product Categories/Family for anti-CLCN6 antibody   | Polyclonal; Various                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

|                                  |                                  |
|----------------------------------|----------------------------------|
| NCBI GI #                        | 12025671                         |
| NCBI GeneID                      | 1185                             |
| NCBI Accession #                 | NP_068504                        |
| NCBI GenBank Nucleotide #        | NM_021736                        |
| UniProt Accession #              | Q5SNX3; P51797                   |
| Molecular Weight                 | 39kDa                            |
| NCBI Official Synonym Full Names | chloride voltage-gated channel 6 |
| NCBI Official Symbol             | CLCN6                            |
| NCBI Official Synonym Symbols    | CLC-6                            |
| NCBI Protein Information         | chloride transport protein 6     |

**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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Online datasheet: <https://www.aaabiotech.com/polyclonal/clcn6-antibody-western-blot-elisa/197960>