

Rabbit CLCN7 Polyclonal Antibody | anti-CLCN7 antibody

Anti-CLCN7 Antibody

CATALOG # AAA104347	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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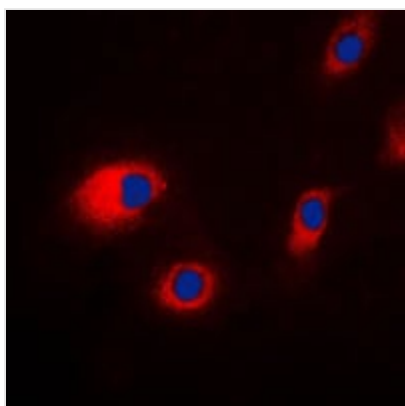
PRODUCT SYNONYMS

CLCN7; Polyclonal Antibody; Anti-CLCN7 Antibody; H(+)/Cl(-) exchange transporter 7; Chloride channel 7 alpha subunit; Chloride channel protein 7; CIC-7; anti-CLCN7 antibody

PRODUCT SPECIFICATIONS

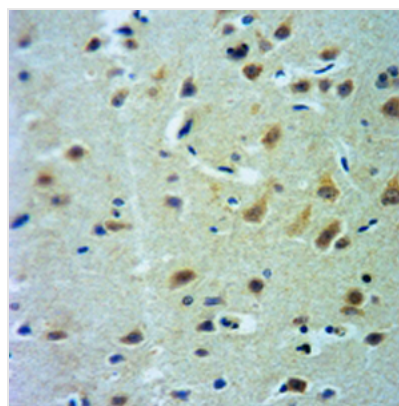
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of CLCN7 protein.
Purity/Purification	Purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	781
Applicable Applications for anti-CLCN7 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CLCN7. The exact sequence is proprietary.
Preparation and Storage	Upon receipt aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

IMAGES



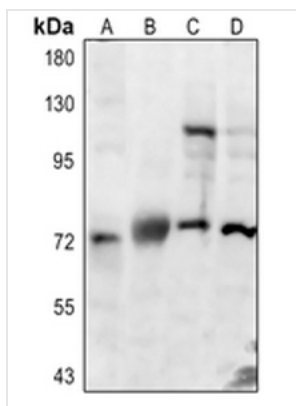
IF (Immunofluorescence)

Immunofluorescent analysis of CLCN7 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of CLCN7 staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of CLCN7 expression in HEK293T (A), mouse lung (B), mouse muscle (C), rat muscle (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-CLCN7 antibody

Rabbit polyclonal antibody to CLCN7

NCBI AND UNIPROT INFORMATION

NCBI GI #	167466160
NCBI GeneID	1186
NCBI Accession #	NP_001107803.1
NCBI GenBank Nucleotide #	NM_001114331.2
UniProt Accession #	P51798; Q9NYX5; A6NEJ7; A8K5T9; A8K7X1; B3KPN3; E9PDB9
NCBI Official Full Name	H(+)/Cl(-) exchange transporter 7 isoform b
NCBI Official Synonym Full Names	chloride channel, voltage-sensitive 7
NCBI Official Symbol	CLCN7
NCBI Official Synonym Symbols	CLC7; CLC-7; OPTA2; OPTB4; PPP1R63
NCBI Protein Information	H(+)/Cl(-) exchange transporter 7; H(+)/Cl(-) exchange transporter 7; chloride channel protein 7; chloride channel 7 alpha subunit; protein phosphatase 1, regulatory subunit 63
UniProt Protein Name	H(+)/Cl(-) exchange transporter 7
UniProt Gene Name	CLCN7
UniProt Synonym Gene Names	CLC-7
UniProt Entry Name	CLCN7_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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Online datasheet: <https://www.aaabiotech.com/polyclonal/clcn7-antibody-immunohistochemistry-western-blot-elisa/104347>