

Rabbit CLCN7 Polyclonal Antibody | anti-CLCN7 antibody

CLCN7 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279596	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

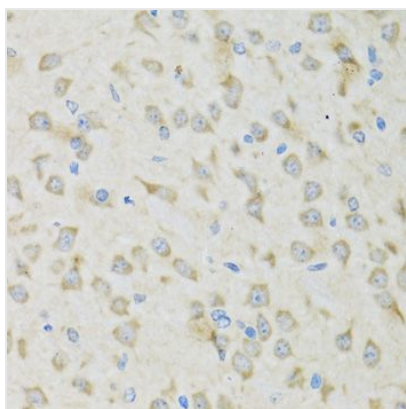
PRODUCT SYNONYMS

CLCN7; Polyclonal Antibody; CLCN7 Polyclonal Antibody; CLC-7; CLC7; OPTA2; OPTB4; PPP1R63; anti-CLCN7 antibody

PRODUCT SPECIFICATIONS

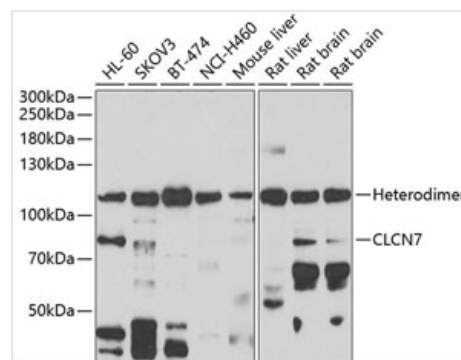
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-CLCN7 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 626-805 of human CLCN7(NP_001278.1).
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using CLCN7 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CLCN7 antibody (AAA279596) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-CLCN7 antibody	The product of this gene belongs to the CLC chloride channel family of proteins. Chloride channels play important roles in the plasma membrane and in intracellular organelles. This gene encodes chloride channel 7. Defects in this gene are the cause of osteopetrosis autosomal recessive type 4 (OPTB4), also called infantile malignant osteopetrosis type 2 as well as the cause of autosomal dominant osteopetrosis type 2 (OPTA2), also called autosomal dominant Albers-Schonberg disease or marble disease autosoml dominant. Osteopetrosis is a rare genetic disease characterized by abnormally dense bone, due to defective resorption of immature bone. OPTA2 is the most common form of osteopetrosis, occurring in adolescence or adulthood.
Product Categories/Family for anti-CLCN7 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	12644301
NCBI GeneID	1186
UniProt Accession #	P51798; Q9NYX5; A6NEJ7; A8K5T9; A8K7X1; B3KPN3; E9PDB9
Molecular Weight	Observed MW: 89kDa/110kDa Calculated MW: 86kDa/88kDa
NCBI Official Full Name	H(+)/Cl(-) exchange transporter 7
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/279596>