

Rabbit anti-Human CLCN7 Polyclonal Antibody | anti-CLCN7 antibody

CLCN7 Antibody

CATALOG # AAA310373	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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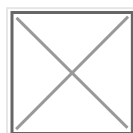
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total CLCN7 protein.
Purity/Purification	Antigen affinity purification
Form/Format	Rabbit IgG in pH 7.4 PBS 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.7mg/ml (varies by lot)
Sequence Length	3760
Applicable Applications for anti-CLCN7 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic protein corresponding to residues near the C terminal of human CLCN7
Immunogen Type	Peptide
Calculated MW	89 kDa
Preparation and Storage	Store at -20°C.

IMAGES



SDS-PAGE

Gel: 8%SDS-PAGE lysate40 μg, Lane 1-4: LoVo and A549 cell Mouseliver tissue and Rat liver tissue lysatesPrimary antibody: 46511E (CLCN7 Antibody) at dilution 1/300Secondary antibody: Goat anti rabbit IgG at 1/8000 dilutionExposure time: 20 seconds

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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	39644913
NCBI GeneID	1186
UniProt Accession #	P51798; Q9NYX5; A6NEJ7; A8K5T9; A8K7X1; B3KPN3; E9PDB9
NCBI Official Full Name	Homo sapiens chloride channel 7, mRNA
NCBI Official Synonym Full Names	chloride voltage-gated channel 7
NCBI Official Symbol	CLCN7
NCBI Official Synonym Symbols	CLC7; CLC-7; OPTA2; OPTB4; PPP1R63
NCBI Protein Information	H(+)/Cl(-) exchange transporter 7
UniProt Protein Name	H(+)/Cl(-) exchange transporter 7
UniProt Gene Name	CLCN7
UniProt Synonym Gene Names	ClC-7

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://stage.aaabiotech.com/polyclonal/clcn7-antibody-immunohistochemistry-western-blot-elisa/310373>