

Rabbit CLCN7 Polyclonal Antibody | anti-CLCN7 antibody

CLCN7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324605	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

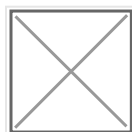
PRODUCT SYNONYMS

CLCN7; Polyclonal Antibody; CLCN7 Antibody; Chloride channel protein 7; CLC 7; CIC-7; CIC7; CLCN7_HUMAN; FLJ26686; FLJ39644; FLJ46423; H(+)/Cl(-) exchange transporter 7; OPTA2; OPTB4; anti-CLCN7 antibody

PRODUCT SPECIFICATIONS

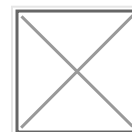
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CLCN7 antibody detects endogenous levels of total CLCN7
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	781
Applicable Applications for anti-CLCN7 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Lysosome membrane.
Tissue Specificity	Brain, testis, muscle and kidney.
Predicted Cross Reactivity	Bovine, Rabbit
Similarity	Bovine (82%), Rabbit (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from A549 cells using CLCN7 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA324605 staining A549 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CLCN7 antibody	Function: Slowly voltage-gated channel mediating the exchange of chloride ions against protons. Functions as antiporter and contributes to the acidification of the lysosome lumen. Subunit Structure: Chloride channel 7 are heteromers of alpha (CLCN7) and beta (OSTM1) subunits. Similarity: Belongs to the chloride channel (TC 2.A.49) family. CIC-7/CLCN7 subfamily.
---	---

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
Molecular Weight	Observed: 89 kD Predicted: 89 kDa
NCBI Official Full Name	H(+)/Cl(-) exchange transporter 7 isoform b
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	CIC-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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/clcn7-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324605>