

Rabbit anti-Human CLIC6 Polyclonal Antibody | anti-CLIC6 antibody

CLIC6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324607	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

CLIC6; Polyclonal Antibody; CLIC6 Antibody; Chloride channel form A; Chloride intracellular channel 6; Chloride intracellular channel protein 6; CLIC1L; Clic6; CLIC6_HUMAN; Parchorin; anti-CLIC6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	CLIC6 antibody detects endogenous levels of total CLIC6
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	704
Applicable Applications for anti-CLIC6 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm. Cell Membrane. Predominantly Cytoplasmic. Upon chloride ion efflux from the cell, it is translocated to the plasma membrane.
Tissue Specificity	Expressed in brain, placenta, pancreas and liver.
Predicted Cross Reactivity	Rabbit
Similarity	Rabbit (82%)
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 HepG2 cells, using CLIC6 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA324607 staining HepG2 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-CLIC6 antibody	Function: May insert into membranes and form chloride ion channels. May play a critical role in water-secreting cells, possibly through the regulation of chloride ion transport (By similarity). Subunit Structure: Interacts with dopamine receptors DRD2, DRD3 and DRD4. Post-translational Modifications: Phosphorylated. Similarity: Members of this family may change from a globular, soluble state to a state where the N-terminal domain is inserted into the membrane and functions as chloride channel. A conformation change of the N-terminal domain is thought to expose hydrophobic surfaces that trigger membrane insertion (By similarity). Belongs to the chloride channel CLIC family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	948549898
NCBI GeneID	54102
NCBI Accession #	NP_001303938.1
NCBI GenBank Nucleotide #	NM_001317009.1
UniProt Accession #	Q96NY7; Q8IX31; A8K0U8
Molecular Weight	Observed: 73 kD Predicted: 74 kDa
NCBI Official Full Name	chloride intracellular channel protein 6 isoform 1
NCBI Official Synonym Full Names	chloride intracellular channel 6
NCBI Official Symbol	CLIC6
NCBI Official Synonym Symbols	CLIC1L
NCBI Protein Information	chloride intracellular channel protein 6
UniProt Protein Name	Chloride intracellular channel protein 6
UniProt Gene Name	CLIC6
UniProt Synonym Gene Names	CLIC1L

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.