

Anti-CLIC6 Antibody
Rabbit polyclonal antibody to CLIC6
Catalog # AP60944**Specification**

Anti-CLIC6 Antibody - Product Information

Application	WB
Primary Accession	Q96NY7
Other Accession	Q8BHB9
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	73012

Anti-CLIC6 Antibody - Additional Information**Gene ID** 54102**Other Names**

CLIC1L; Chloride intracellular channel protein 6; Parchorin

Target/Specificity

Recognizes endogenous levels of CLIC6 protein.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-CLIC6 Antibody - Protein Information**Name** CLIC6 {ECO:0000303|PubMed:37838179, ECO:0000312|HGNC:HGNC:2065}**Function**

In the soluble state, catalyzes glutaredoxin-like thiol disulfide exchange reactions with reduced glutathione as electron donor (By similarity). Can insert into membranes and form voltage-dependent chloride-selective channels. The channel opens upon membrane depolarization at positive voltages and closes at negative membrane voltages (PubMed:37838179). May play a critical role in water-secreting cells, possibly through the regulation of chloride ion transport (By similarity).

Cellular Location

Cytoplasm. Cell membrane; Single-pass membrane protein Note=Predominantly cytoplasmic.
Upon chloride ion efflux from the cell, it is translocated to the plasma membrane (By similarity)

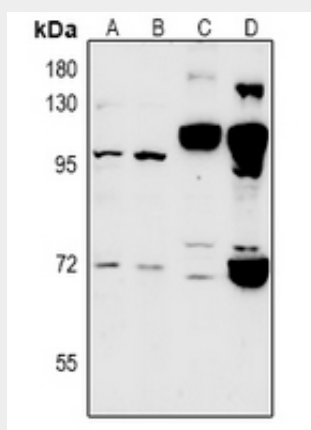
Tissue Location

Expressed in brain, placenta, pancreas, liver, lung, heart, kidney, liver, spleen, soleus muscle, and brown fat

Anti-CLIC6 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CLIC6 Antibody - Images

Western blot analysis of CLIC6 expression in A549 (A), LO2 (B), AML12 (C), PC12 (D) whole cell lysates.

Anti-CLIC6 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CLIC6. The exact sequence is proprietary.