

CLIC6 Antibody(C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19553b**Specification**

CLIC6 Antibody(C-term) - Product Information

Application	WB,E
Primary Accession	O96NY7
Other Accession	O9N2G5 , NP_444507.1
Reactivity	Human
Predicted	Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	73012
Antigen Region	676-704

CLIC6 Antibody(C-term) - Additional Information**Gene ID** 54102**Other Names**

Chloride intracellular channel protein 6, Parchorin, CLIC6, CLIC1L

Target/Specificity

This CLIC6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 676-704 amino acids from the C-terminal region of human CLIC6.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CLIC6 Antibody(C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CLIC6 Antibody(C-term) - 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

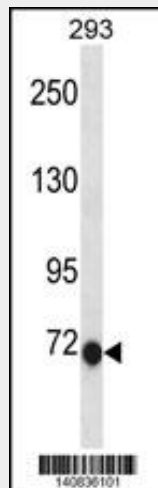
Expressed in brain, placenta, pancreas, liver, lung, heart, kidney, liver, spleen, soleus muscle, and brown fat

CLIC6 Antibody(C-term) - 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](#)

CLIC6 Antibody(C-term) - Images



CLIC6 Antibody (C-term) (Cat. #AP19553b) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the CLIC6 antibody detected the CLIC6 protein (arrow).

CLIC6 Antibody(C-term) - Background

This gene encodes a member of the chloride intracellular channel family of proteins. The gene is part of a large triplicated region found on chromosomes 1, 6, and 21. An alternatively spliced transcript variant has been described, but its biological validity

has not been determined.

CLIC6 Antibody(C-term) - References

Wheeler, H.E., et al. PLoS Genet. 5 (10), E1000685 (2009) :
Friedli, M., et al. Gene 320, 31-40 (2003) :
Strippoli, P., et al. Mamm. Genome 13(8):456-462(2002)
Scanlan, M.J., et al. Cancer Immun. 1, 4 (2001) :