

CLIC6 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP10474c**Specification**

CLIC6 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [O96NY7](#)
Other Accession [NP_444507.1](#)

CLIC6 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 54102

Other Names

Chloride intracellular channel protein 6, Parchorin, CLIC6, CLIC1L

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CLIC6 Antibody (Center) Blocking Peptide - 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 (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CLIC6 Antibody (Center) Blocking Peptide - Images

CLIC6 Antibody (Center) Blocking Peptide - Background

CLIC6 is 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 (Center) Blocking Peptide - 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) :