

CLIC2 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI16144**Specification**

CLIC2 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O15247
Other Accession	NP_001280
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27kDa KDa

CLIC2 Antibody - N-terminal region - Additional Information**Gene ID** 1193**Alias Symbol** CLIC2,
Other Names
Chloride intracellular channel protein 2, XAP121, CLIC2**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 µl of distilled water. Final Anti-CLIC2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions

CLIC2 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

CLIC2 Antibody - N-terminal region - Protein Information**Name** CLIC2 {ECO:0000303|PubMed:9339381, ECO:0000312|HGNC:HGNC:2063}**Function**

In the soluble state, catalyzes glutaredoxin-like thiol disulfide exchange reactions with reduced glutathione as electron donor. Displays weak glutathione peroxidase activity (Probable) (PubMed:25581026). Can insert into membranes and form chloride ion channels. Membrane insertion seems to be redox-regulated and may occur only under oxidizing conditions. Modulates the activity of RYR2 and inhibits calcium influx.

Cellular Location

Cytoplasm. Membrane; Single-pass membrane protein. Note=Exists both as soluble cytoplasmic protein and as membrane protein with probably a single transmembrane domain

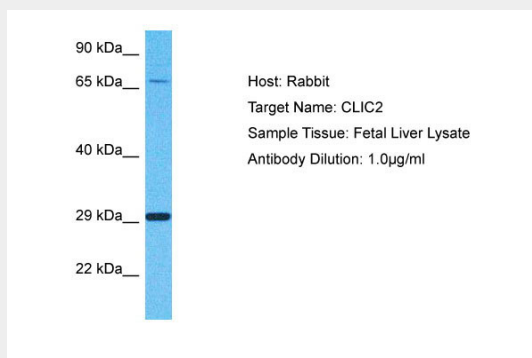
Tissue Location

Expressed in adult and fetal brain, heart, skeletal muscle, liver, lung, and spleen. Detected in adult stomach and testis Expressed in fetal thymus and kidney.

CLIC2 Antibody - N-terminal region - 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](#)

CLIC2 Antibody - N-terminal region - Images

Host: Rabbit
Target Name: CLIC2
Sample Tissue: Fetal Liver lysates
Antibody Dilution: 1.0µg/ml

CLIC2 Antibody - N-terminal region - Background

Can insert into membranes and form chloride ion channels. Channel activity depends on the pH. Membrane insertion seems to be redox-regulated and may occur only under oxydizing conditions. Modulates the activity of RYR2 and inhibits calcium influx.

CLIC2 Antibody - N-terminal region - References

Heiss N.S.,et al.Genomics 45:224-228(1997).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Ross M.T.,et al.Nature 434:325-337(2005).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Fan L.,et al.FEBS Lett. 540:77-80(2003).