

CLIC4 Antibody (N-Terminus)
Goat Polyclonal Antibody
Catalog # ALS12239**Specification**

CLIC4 Antibody (N-Terminus) - Product Information

| | |
|-------------------|---------------------------|
| Application | WB, IHC |
| Primary Accession | Q9Y696 |
| Reactivity | Human, Mouse, Rat, Monkey |
| Host | Goat |
| Clonality | Polyclonal |
| Calculated MW | 29kDa KDa |

CLIC4 Antibody (N-Terminus) - Additional Information**Gene ID** 25932**Other Names**

Chloride intracellular channel protein 4, Intracellular chloride ion channel protein p64H1, CLIC4

Target/Specificity

Human CLIC4.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

CLIC4 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

CLIC4 Antibody (N-Terminus) - Protein Information**Name** CLIC4**Function**

Can insert into membranes and form poorly selective ion channels that may also transport chloride ions. Channel activity depends on the pH. Membrane insertion seems to be redox-regulated and may occur only under oxydizing conditions. Promotes cell-surface expression of HRH3. Has alternate cellular functions like a potential role in angiogenesis or in maintaining apical-basolateral membrane polarity during mitosis and cytokinesis. Could also promote endothelial cell proliferation and regulate endothelial morphogenesis (tubulogenesis).

Cellular Location

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasmic vesicle membrane; Single-pass membrane protein. Nucleus. Cell membrane; Single-pass membrane protein. Mitochondrion {ECO:0000250|UniProtKB:Q9Z0W7}. Cell junction. Note=Colocalized with AKAP9 at the centrosome and midbody. Exists both as soluble cytoplasmic protein and as membrane protein with probably a single transmembrane domain Present in an intracellular

vesicular compartment that likely represent trans-Golgi network vesicles. Might not be present in the nucleus of cardiac cells. {ECO:0000250|UniProtKB:Q9Z0W7, ECO:0000269|PubMed:14569596}

Tissue Location

Detected in epithelial cells from colon, esophagus and kidney (at protein level). Expression is prominent in heart, kidney, placenta and skeletal muscle.

CLIC4 Antibody (N-Terminus) - Protocols

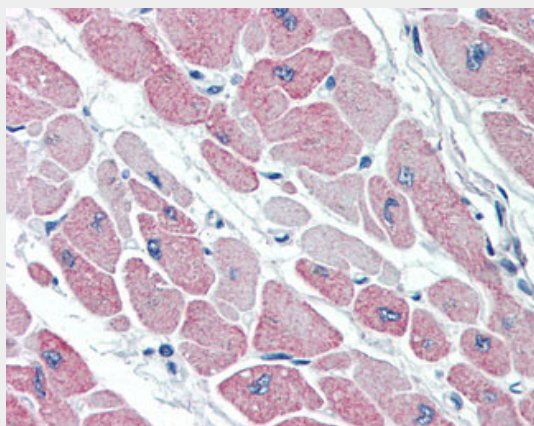
Provided below are standard protocols that you may find useful for product applications.

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

CLIC4 Antibody (N-Terminus) - Images



Antibody (0.1 ug/ml) staining of human kidney lysate (35 ug protein in RIPA buffer).



Anti-CLIC4 antibody IHC of human heart.

CLIC4 Antibody (N-Terminus) - Background

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CLIC4 Antibody (N-Terminus) - References

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Chuang J.Z.,et al.J. Neurosci. 19:2919-2928(1999).
Wiemann S.,et al.Genome Res. 11:422-435(2001).
Bienvenut W.V.,et al.Submitted (FEB-2006) to UniProtKB.
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