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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.

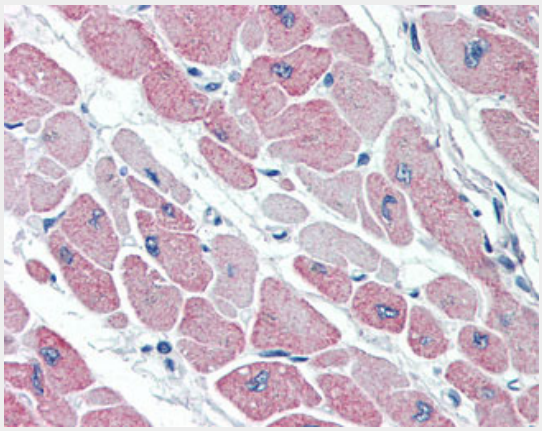
CLIC4 Antibody (N-Terminus) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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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