

**CLIC4 Rabbit mAb**  
**Catalog # AP75271****Specification**

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**CLIC4 Rabbit mAb - Product Information**

|                   |                           |
|-------------------|---------------------------|
| Application       | WB, IHC-P, IHC-F, IP, ICC |
| Primary Accession | <a href="#">Q9Y696</a>    |
| Reactivity        | Human, Mouse, Rat         |
| Host              | Rabbit                    |
| Clonality         | Monoclonal Antibody       |
| Calculated MW     | 28772                     |

**CLIC4 Rabbit mAb - Additional Information****Gene ID** 25932**Other Names**  
CLIC4**Dilution**  
WB~~1/500-1/1000  
IHC-P~~N/A  
IHC-F~~N/A  
IP~~N/A  
ICC~~N/A**Format**  
Liquid**CLIC4 Rabbit mAb - Protein Information****Name** CLIC4 {ECO:0000303|PubMed:12163372, ECO:0000312|HGNC:HGNC:13518}**Function**

In the soluble state, catalyzes glutaredoxin-like thiol disulfide exchange reactions with reduced glutathione as electron donor (PubMed:<a href="http://www.uniprot.org/citations/25581026" target="\_blank">25581026</a>, PubMed:<a href="http://www.uniprot.org/citations/37759794" target="\_blank">37759794</a>). Can insert into membranes and form voltage-dependent multi-ion conductive channels. Membrane insertion seems to be redox-regulated and may occur only under oxidizing conditions (By similarity) (PubMed:<a href="http://www.uniprot.org/citations/16176272" target="\_blank">16176272</a>). 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). Promotes cell-surface expression of HRH3.

**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. Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q9Z0W7}; Single-pass membrane protein {ECO:0000250|UniProtKB:Q9Z0W7}. 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 Rabbit mAb - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

#### CLIC4 Rabbit mAb - Images



