
Product Name: CLIC4 Rabbit Monoclonal Antibody**Catalog #: AMRe85439**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.62mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200,IP 1:10-1:20
Molecular Weight	Calculated MW: 29 kDa; Observed MW: 29 kDa

Antigen Information

Gene Name	CLIC4
Alternative Names	CLIC4; Chloride intracellular channel protein 4; Intracellular chloride ion channel protein p64H1
Gene ID	25932.0
SwissProt ID	Q9Y696
Immunogen	A synthetic peptide of human CLIC4

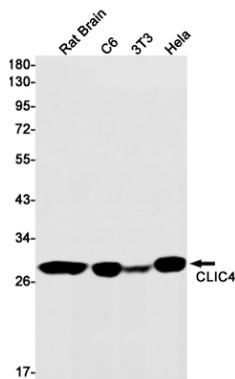
Background

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.

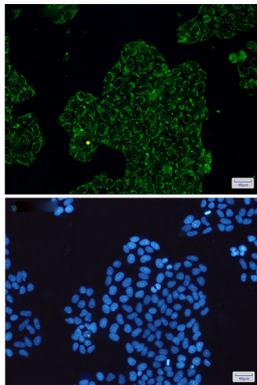
Promotes cell-surface expression of HRH3. Has alternate cellular functions like a potential role in angiogenesis or in maintaining apical-basolateral membrane polarity during mitosis and cytokinesis. Could also promote endothelial cell proliferation and regulate endothelial morphogenesis (tubulogenesis).

Research Area

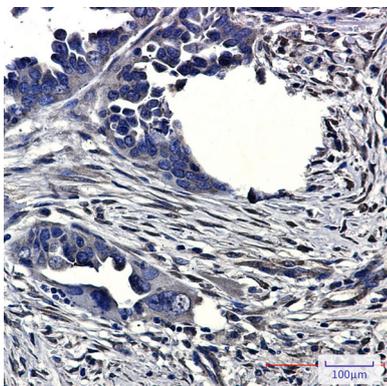
Image Data



Western blot analysis of CLIC4 in rat Brain, C6, 3T3, HeLa lysates using CLIC4 antibody.



Immunocytochemistry analysis of CLIC4 (green) in HeLa using CLIC4 antibody, and DAPI (blue)



Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using CLIC4 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.