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**Product Name: CLIC4 Rabbit Monoclonal Antibody****Catalog #: AMRe01833**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.51mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purification

**Application**

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

**Antigen Information**

<b>Gene Name</b>	CLIC4
<b>Alternative Names</b>	CLIC4; Chloride intracellular channel protein 4; Intracellular chloride ion channel protein p64H1
<b>Gene ID</b>	25932
<b>SwissProt ID</b>	Q9Y696
<b>Immunogen</b>	A synthetic peptide of human CLIC4

**Background**

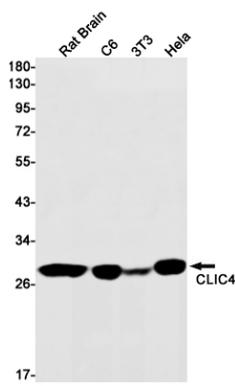
Can insert into membranes and form poorly selective ion channels that may also transport chloride ions. Channel activity

depends on the pH. Membrane insertion seems to be redox-regulated and may occur only under oxidizing 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).

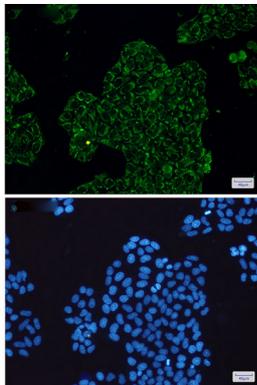
## Research Area

Cell Biology

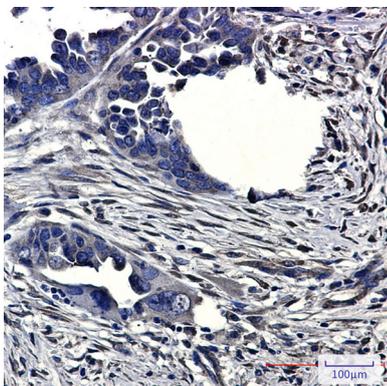
## Image Data



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.