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CLIC2 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21857c

Specification

CLIC2 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	O15247
Other Accession	Q5M883
Reactivity	**Human**
Predicted	**Rat**
Host	**Rabbit**
Clonality	**polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**28356**

CLIC2 Antibody (Center) - Additional Information

Gene ID 1193

Other Names
Chloride intracellular channel protein 2, XAP121, CLIC2

Target/Specificity
This CLIC2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 105-137 amino acids from the Central region of human CLIC2.

Dilution
WB~~1:2000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
CLIC2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

CLIC2 Antibody (Center) - Protein Information

Name CLIC2

Function Can insert into membranes and form chloride ion channels. Channel activity depends on the pH. Membrane insertion seems to be redox-regulated and may occur only under oxydizing

conditions. Modulates the activity of RYR2 and inhibits calcium influx.

Cellular Location
Cytoplasm. Membrane; Single-pass membrane protein. Note=Exists both as soluble cytoplasmic protein and as membrane protein with probably a single transmembrane domain

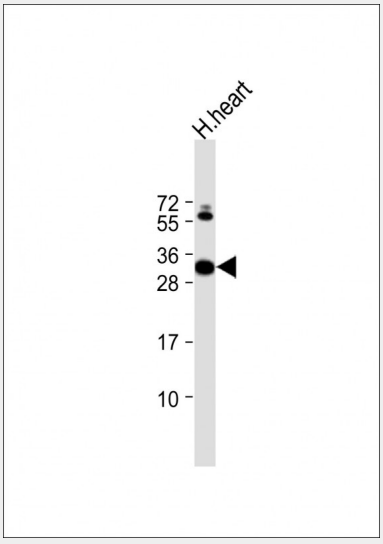
Tissue Location
Expressed in adult and fetal brain, heart, skeletal muscle, liver, lung, and spleen. Detected in adult stomach and testis Expressed in fetal thymus and kidney.

CLIC2 Antibody (Center) - 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

CLIC2 Antibody (Center) - Images



Anti-CLIC2 Antibody (Center) at 1:2000 dilution + human heart lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 28 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

CLIC2 Antibody (Center) - Background

Can insert into membranes and form chloride ion channels. Channel activity depends on the pH. Membrane insertion seems to be redox-regulated and may occur only under oxydizing conditions. Modulates the activity of RYR2 and inhibits calcium influx.

CLIC2 Antibody (Center) - References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).
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