

Rabbit CLIC2 Polyclonal Antibody | anti-CLIC2 antibody

CLIC2 Antibody (Center)

CATALOG # AAA290588	HOST Rabbit	REACTIVITY Human (Predicted: Rat)	APPLICATIONS Western Blot
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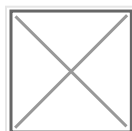
PRODUCT SYNONYMS

CLIC2; Polyclonal Antibody; CLIC2 Antibody (Center); Purified Rabbit Polyclonal Antibody (Pab); Chloride intracellular channel protein 2; XAP121; anti-CLIC2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted: Rat)
Clonality	Polyclonal
Isotype	Ig
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.
Form/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.
Sequence Length	247
Applicable Applications for anti-CLIC2 antibody	WB (Western Blot)
Precautions	CLIC2 Antibody (Center) is for research useonly
Function	Can insert into membranes and form chlorideion channels. Channel activity depends on thepH. Membrane insertion seems to beredox-regulated and may occur only underoxydizing conditions. Modulates the activityof RYR2 and inhibits calcium influx.
Cellular Location	Cytoplasm. Membrane; Single-passmembrane protein. Note=Exists both assoluble cytoplasmic protein and asmembrane 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
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°Cin small aliquots to prevent freeze-thawcycles.

IMAGES



WB (Western Blot)

Anti-CLIC2 Antibody (Center) at 1:2000 dilution + human heart lysateLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 28 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-CLIC2 antibody	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.
Product Categories/Family for anti-CLIC2 antibody	Metabolism; Signal Transduction
References	Heiss N.S.,et al.Genomics 45:224-228(1997). Ota T.,et al.Nat. Genet. 36:40-45(2004). Ross M.T.,et al.Nature 434:325-337(2005). Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases. Fan L.,et al.FEBS Lett. 540:77-80(2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	66346733
NCBI GeneID	1193
NCBI Accession #	NP_001280.3
NCBI GenBank Nucleotide #	NM_001289.5
UniProt Accession #	O15247; O15174; Q5JT80; Q8TCE3; A8K9S0
Molecular Weight	28356
NCBI Official Full Name	chloride intracellular channel protein 2
NCBI Official Synonym Full Names	chloride intracellular channel 2
NCBI Official Symbol	CLIC2
NCBI Official Synonym Symbols	CLIC2b; MRXS32; XAP121
NCBI Protein Information	chloride intracellular channel protein 2
UniProt Protein Name	Chloride intracellular channel protein 2
UniProt Gene Name	CLIC2
UniProt Entry Name	CLIC2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/clic2-antibody-western-blot-elisa/290588>