Product Name: CLIC3 Rabbit Polyclonal Antibody
Catalog #: APRab09038

Summary

Production Name	CLIC3 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	CLIC3
Alternative Names	CLIC3; Chloride intracellular channel protein 3
Gene ID	9022.0
SwissProt ID	O95833.The antiserum was produced against synthesized peptide derived from human CLIC3. AA range:21-70

Application

Dilution Ratio	WB 1:500-1:2000. ELISA: 1:40000.
Molecular Weight	27kD

Background

chloride intracellular channel 3(CLIC3) Homo sapiens Chloride channels are a diverse group of proteins that regulate

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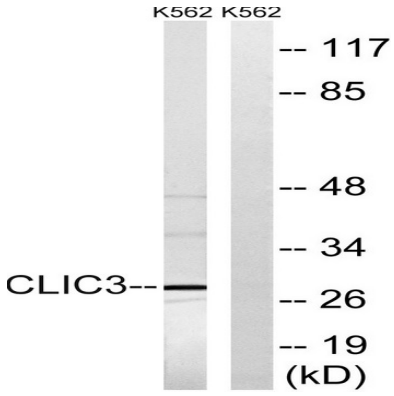
fundamental cellular processes including stabilization of cell membrane potential, transepithelial transport, maintenance of intracellular pH, and regulation of cell volume. Chloride intracellular channel 3 is a member of the p64 family and is predominantly localized in the nucleus and stimulates chloride ion channel activity. In addition, this protein may participate in cellular growth control, based on its association with ERK7, a member of the MAP kinase family. [provided by RefSeq, Jul 2008],domain:Members of this family may change from a globular, soluble state to a state where the N-terminal domain is inserted into the membrane and functions as chloride channel. A conformation change of the N-terminal domain is thought to expose hydrophobic surfaces that trigger membrane insertion.,function:Can insert into membranes and form chloride ion channels. May participate in cellular growth control.,similarity:Belongs to the chloride channel CLIC family.,similarity:Contains 1 GST C-terminal domain.,similarity:Contains 1 GST N-terminal domain.,subcellular location:Predominantly nuclear. Some protein was found in the cytoplasm. Exists both as soluble cytoplasmic protein and as membrane protein with probably a single transmembrane domain.,subunit:Associated with the C-terminal of ERK7.,tissue specificity:Detected in placenta (at protein level). Widely expressed. High expression is found in placenta followed by lung and heart. Low expression in skeletal muscle, kidney and pancreas.,

Research Area

Image Data



Western blot analysis of lysates from K562 cells, using CLIC3 Antibody. The lane on the right is blocked with the synthesized peptide.

Note

For research use only.