Best Tools for immunology Research

CLIC3 Polyclonal Antibody

Catalog No :	YT0964
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	CLIC3
Gene Name :	CLIC3
Protein Name :	Chloride intracellular channel protein 3
Human Gene Id :	9022
Human Swiss Prot No :	O95833
Mouse Swiss Prot No :	Q9D7P7
Immunogen :	The antiserum was produced against synthesized peptide derived from human CLIC3. AA range:21-70
Specificity :	CLIC3 Polyclonal Antibody detects endogenous levels of CLIC3 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	27kD

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

Function : 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 fou

Subcellular Location : Nucleus. Membrane; Single-pass membrane protein. Cytoplasm. 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 (By similarity). .

Expression : 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.

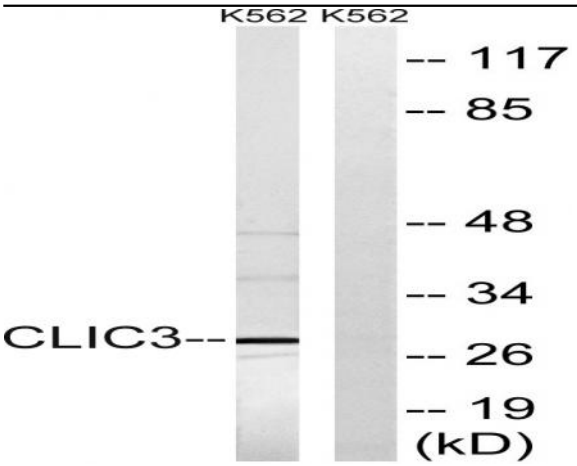
Sort : 4277

No4 : 1

Host : Rabbit

Modifications : Unmodified

Products Images



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