



CLIC4 rabbit pAb

Cat No.:ES1996

For research use only

Overview

Product Name	CLIC4 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human CLIC4. AA range:1-50
Specificity	CLIC4 Polyclonal Antibody detects endogenous levels of CLIC4 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Chloride intracellular channel protein 4
Gene Name	CLIC4
Cellular localization	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasmic vesicle membrane ; Single-pass membrane protein . Nucleus matrix. Cell membrane ; Single-pass membrane protein . Mitochondrion. Cell junction. Colocalized with AKAP9 at the centrosome and midbody. Exists both as soluble cytoplasmic protein and as membrane protein with probably a single transmembrane domain. Present in an intracellular vesicular compartment that likely represent trans-Golgi network vesicles.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	29kD





Human Gene ID

25932

Human Swiss-Prot Number

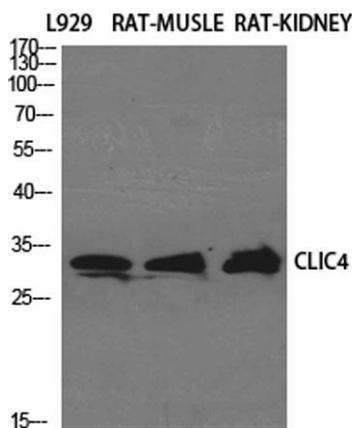
Q9Y696

Alternative Names

CLIC4; Chloride intracellular channel protein 4;
Intracellular chloride ion channel protein p64H1

Background

chloride intracellular channel 4(CLIC4) 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 4 (CLIC4) protein, encoded by the CLIC4 gene, is a member of the p64 family; the gene is expressed in many tissues and exhibits a intracellular vesicular pattern in Panc-1 cells (pancreatic cancer cells). [provided by RefSeq, Jul 2008],



Western Blot analysis of various cells using CLIC4

Polyclonal Antibody diluted at 1:1000



Western Blot analysis of HT29 cells using CLIC4 Polyclonal

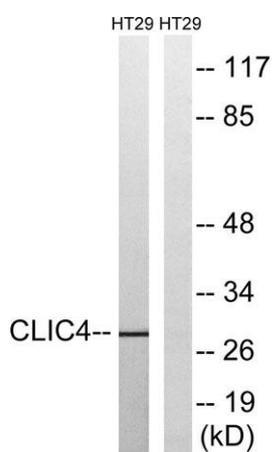
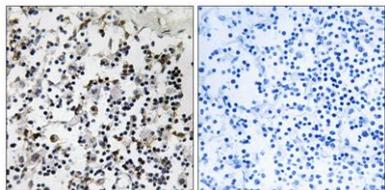
Antibody diluted at 1:1000





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Immunohistochemistry analysis of paraffin-embedded human lymph node tissue, using CLIC4 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HT-29 cells, using CLIC4 Antibody. The lane on the right is blocked with the synthesized peptide.



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