

产品名称: CLIC4 Rabbit Polyclonal Antibody
产品货号: APRab09040



产品概述 (Summary)

产品名称 (Production Name)	CLIC4 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CLIC4
别名 (Alternative Names)	CLIC4; Chloride intracellular channel protein 4; Intracellular chloride ion channel protein p64H1
基因 ID (Gene ID)	25932.0
蛋白 ID (SwissProt ID)	Q9Y696.The antiserum was produced against synthesized peptide derived from human CLIC4. AA range:1-50

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	29kDa

产品名称: CLIC4 Rabbit Polyclonal Antibody
产品货号: AP Rab09040



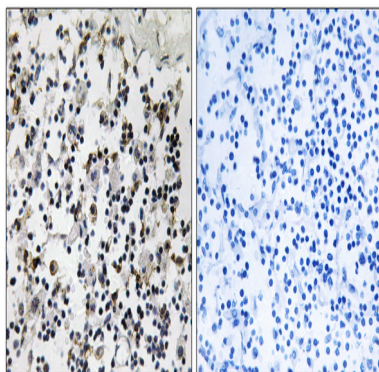
研究背景 (Background)

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], 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 poorly selective ion channels that may also transport chloride ions. Channel activity depends on the pH. Membrane insertion seems to be redox-regulated and may occur only under oxydizing conditions. Promotes cell-surface expression of HRH3. May play a role in angiogenesis., induction: Up-regulated by calcium ions in differentiating keratinocytes., similarity: Belongs to the chloride channel CLIC family., similarity: Contains 1 GST C-terminal domain., subcellular location: 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., subunit: Monomer. Interacts with HRH3., tissue specificity: Detected in epithelial cells from colon, esophagus and kidney (at protein level). Expression is prominent in heart, placenta and skeletal muscle.,

研究领域 (Research Area)

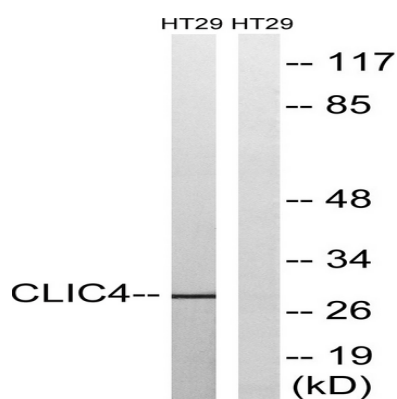
Cell Biology

图片 (Image Data)

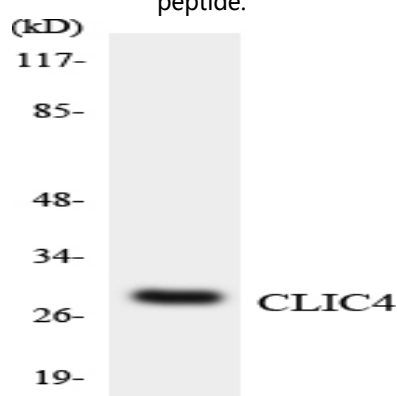


Immunohistochemistry analysis of paraffin-embedded human lymph node tissue, using CLIC4 Antibody. The picture on the right is blocked with the synthesized peptide.

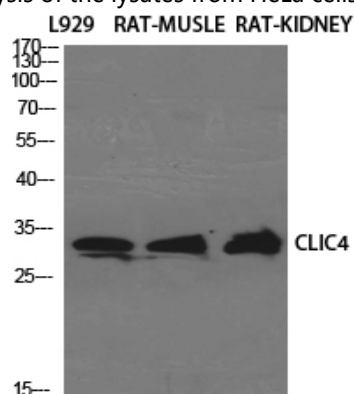
产品名称: CLIC4 Rabbit Polyclonal Antibody
产品货号: APRab09040



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

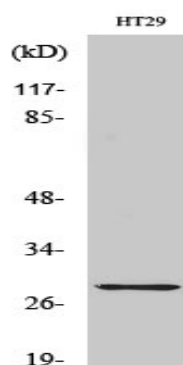


Western blot analysis of the lysates from HeLa cells using CLIC4 antibody.



Western Blot analysis of various cells using CLIC4 Polyclonal Antibody diluted at 1: 1000

产品名称: CLIC4 Rabbit Polyclonal Antibody
产品货号: APRab09040



Western Blot analysis of HT29 cells using CLIC4 Polyclonal Antibody diluted at 1: 1000

注意事项 (Note)

For research use only .