

产品名称: CLC-4 Rabbit Polyclonal Antibody
产品货号: APRab08921



产品概述 (Summary)

产品名称 (Production Name)	CLC-4 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, 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)	CLCN4
别名 (Alternative Names)	CLCN4; H(+)/Cl(-) exchange transporter 4; Chloride channel protein 4; CLC-4; Chloride transporter CLC-4
基因 ID (Gene ID)	1183.0
蛋白 ID (SwissProt ID)	P51793. The antiserum was produced against synthesized peptide derived from human CLCN4. AA range: 221-270

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:200-1:1000, ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	85kDa

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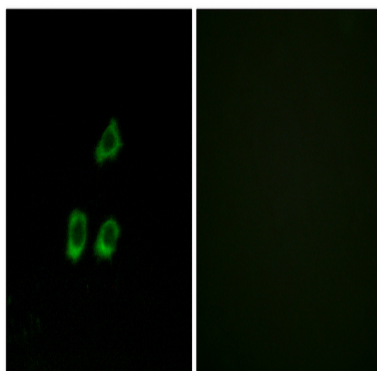


研究背景 (Background)

chloride voltage-gated channel 4 (CLCN4) Homo sapiens The CLCN family of voltage-dependent chloride channel genes comprises nine members (CLCN1-7, Ka and Kb) which demonstrate quite diverse functional characteristics while sharing significant sequence homology. Chloride channel 4 has an evolutionary conserved CpG island and is conserved in both mouse and hamster. This gene is mapped in close proximity to APXL (Apical protein Xenopus laevis-like) and OA1 (Ocular albinism type I), which are both located on the human X chromosome at band p22.3. The physiological role of chloride channel 4 remains unknown but may contribute to the pathogenesis of neuronal disorders. Alternate splicing results in two transcript variants that encode different proteins. [provided by RefSeq, Mar 2012], function: Proton-coupled chloride transporter. Functions as antiporter system and exchanges chloride ions against protons., miscellaneous: The CLC channel family contains both chloride channels and proton-coupled anion transporters that exchange chloride or another anion for protons. The presence of conserved gating glutamate residues is typical for family members that function as antiporters., similarity: Belongs to the chloride channel (TC 2.A.49) family., similarity: Contains 2 CBS domains., tissue specificity: Abundant in skeletal muscle and also detectable in brain and heart.,

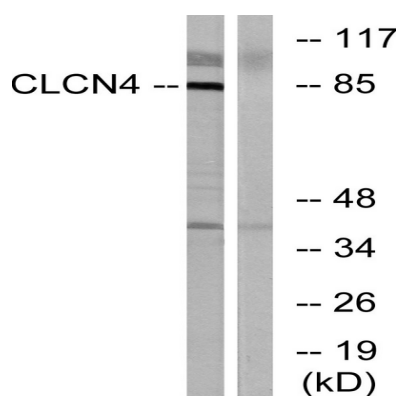
研究领域 (Research Area)

图片 (Image Data)

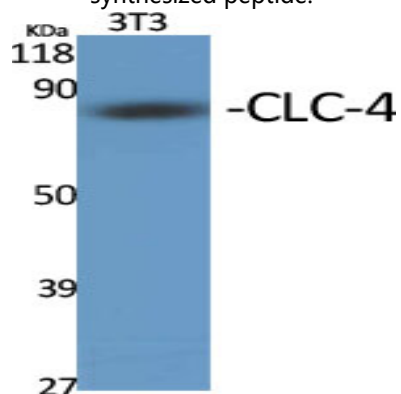


Immunofluorescence analysis of HUVEC cells, using CLCN4 Antibody. The picture on the right is blocked with the synthesized peptide.

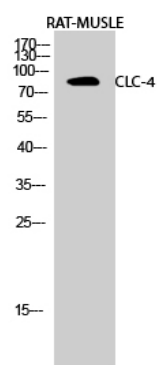
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Western blot analysis of lysates from MCF-7 cells, using CLCN4 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using CLC-4 Polyclonal Antibody diluted at 1: 500



Western Blot analysis of RAT-MUSCLE cells using CLC-4 Polyclonal Antibody diluted at 1: 500

注意事项 (Note)

For research use only .