

产品名称: ZIP2 Rabbit Polyclonal Antibody
产品货号: APRab20110



产品概述 (Summary)

产品名称 (Production Name)	ZIP2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

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)	SLC39A2
别名 (Alternative Names)	SLC39A2; ZIP2; Zinc transporter ZIP2; 6A1; Eti-1; Solute carrier family 39 member 2; Zrt- and Irt-like protein 2; ZIP-2; hZIP2
基因 ID (Gene ID)	29986.0
蛋白 ID (SwissProt ID)	Q9NP94.The antiserum was produced against synthesized peptide derived from human SLC39A2. AA range:11-60

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	36kDa

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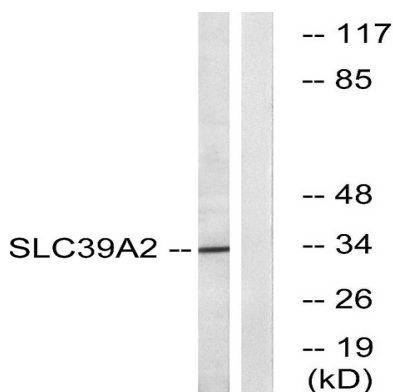
研究背景 (Background)

This gene encodes a member of the ZIP family of metal ion transporters. The encoded protein functions as a zinc transporter. Mutations in this gene may be associated with susceptibility to carotid artery disease. Multiple transcript variants have been described. [provided by RefSeq, Mar 2010],function:Mediates zinc uptake. Zinc uptake may be mediated by a $\text{Zn(2+)}\text{-HCO(3)(-)}$ symport mechanism and can function in the presence of albumin. May also transport other divalent cations. May be important in contact inhibition of normal epithelial cells and loss of its expression may play a role in tumorigenesis.,induction:Shows a dramatic induction in normal epithelial cells contact inhibition.,miscellaneous:Zinc uptake is inhibited at pH levels below 7.0 and is stimulated at higher pH and is significantly inhibited by Cu(2+) , Co(2+) and Mn(2+) ions. Not inhibited by Fe(2+) .,similarity:Belongs to the ZIP transporter (TC 2.A.5) family.,tissue specificity:Expressed only in prostate and uterine epithelial cells.,

研究领域 (Research Area)

Signal Transduction; Metabolism; Plasma Membrane; Channels; Types of disease; Cancer

图片 (Image Data)



Western blot analysis of lysates from Jurkat cells, using SLC39A2 Antibody. The lane on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .