

产品名称: ZIP4 Rabbit Polyclonal Antibody

产品货号: APRab20111

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	WB,ELISA
种属反应(Reactivity)	Human,Rat,Mouse
偶联物(Conjugation)	Unconjugated
修饰(Modification)	Unmodified
同种型(Isotype)	IgG
克隆(Clonality)	Polyclonal
剂型(Form)	Liquid
保存条件(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 (Purification)	Affinity purification

产品应用(Application)

稀释比(Dilution Ratio)	WB 1:500-1:2000,ELISA 1:20000-1:40000
分子量(Molecular Weight)	68kDa

抗原信息(Antigen Information)

基因名(Gene Name)	SLC39A4
别名(Alternative Names)	SLC39A4; ZIP4; Zinc transporter ZIP4; Solute carrier family 39 member 4; Zrt- and Irt-like protein 4; ZIP-4
基因 ID(Gene ID)	55630.0
SwissProt ID	Q6P5W5
免疫原(Immunogen)	The antiserum was produced against synthesized peptide derived from human SLC39A4. AA range:431-480

研究背景 (Background)

This gene encodes a member of the zinc/iron-regulated transporter-like protein (ZIP) family. The encoded protein localizes to

cell membranes and is required for zinc uptake in the intestine. Mutations in this gene result in acrodermatitis enteropathica. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2013],disease:Defects in SLC39A4 are the cause of acrodermatitis enteropathica zinc-deficiency type (AEZ) [MIM:201100]. AEZ is a rare autosomal recessive disease caused by the inability to absorb sufficient zinc. The clinical features are growth retardation, immune system dysfunction, alopecia, severe dermatitis, diarrhea and occasionally mental disorders. All these manifestations are reversible with zinc supplementation. Without zinc therapy this disease is fatal.,function:Plays an important role in cellular zinc homeostasis as a zinc transporter. Regulated in response to zinc availability.,similarity:Belongs to the ZIP transporter (TC 2.A.5) family.,subcellular location:Colocalized with TFRC in the recycling endosomes. Cycles between endosomal compartments and the plasma membrane in response to zinc availability.,tissue specificity:Highly expressed in kidney, small intestine, stomach, colon, jejunum and duodenum.,

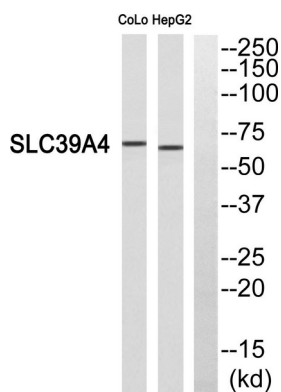
研究领域 (Research Area)

Tags & Cell Markers; Subcellular Markers; Organelles; Endosome; Signal Transduction; Protein Trafficking; Vesicle Transport; Regulation; Metabolism; Vitamins / Minerals; Pathways and Processes; Cofactors, Vitamins / minerals; Vitamins / minerals

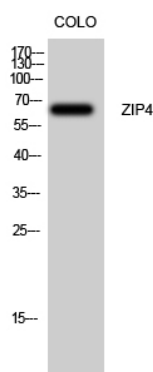
注意事项 (Note)

For research use only.

图片 (Image Data)



Western blot analysis of SLC39A4 Antibody. The lane on the right is blocked with the SLC39A4 peptide.



Western Blot analysis of Colo cells using ZIP4 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

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产品类别	产品货号	产品名称
WB 解决方案	RA10020	2h 极速 WB 即用型全流程试剂盒
	RA10021	4h 快速 WB 即用型全流程试剂盒
	RA10042	5h 畅享版 WB 全流程试剂盒
	RA10037	校准级彩色预染蛋白 Marker (8-180kDa)
	RA10038	校准级彩色预染蛋白 Marker (10-250kDa)
	RA10039	校准级高分子彩色预染蛋白 Marker (25-400kDa)
TSA 多重荧光染色试剂盒	RA10008	TSA 双标三色多重荧光染色试剂盒 (mIHC)
	RA10009	TSA 三标四色多重荧光染色试剂盒 (mIHC)
	RA10010	TSA 四标五色多重荧光染色试剂盒 (mIHC)
	RA10011	TSA 五标六色多重荧光染色试剂盒 (mIHC)
	RA10012	TSA 六标七色多重荧光染色试剂盒 (mIHC)
IHC 检测试剂盒	RA10006	HRP Anti-Mouse/Rabbit IHC Detection System
	RA10007	Polymer-HRP Anti-Mouse/Rabbit IHC Detection System
抗体标记试剂盒	RE80004p	辣根过氧化物酶(HRP)抗体标记试剂盒
	RE80002q	Sulfo-NHS-生物素标记试剂盒
	RE80007p	Cy3 荧光素标记试剂盒
	RE80011p	Fluor488 荧光素标记试剂盒
	RE80017p	Fluor750 荧光素标记试剂盒
	RE80005p	藻红蛋白(R-PE) 抗体快速标记试剂盒
	RE80040	PE-Cy7 串联染料抗体快速标记试剂盒
稳转细胞系构建服务 (免费赠送全膜 WB 验证)	TS-0001	过表达稳转细胞系构建
	TS-0002	敲低稳转细胞系构建
	TS-0003	敲除细胞系构建

限于篇幅，更多产品详见官网：<https://www.enkilife.cn>