

产品名称: Epsin 2 Rabbit Polyclonal Antibody
产品货号: APRab10555



产品概述 (Summary)

产品名称 (Production Name)	Epsin 2 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)	EPN2
别名 (Alternative Names)	EPN2; KIAA1065; Epsin-2; EPS-15-interacting protein 2
基因 ID (Gene ID)	22905.0
蛋白 ID (SwissProt ID)	O95208.The antiserum was produced against synthesized peptide derived from human EPN2. AA range:271-320

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 1:10000-1:20000
蛋白分子量 (Molecular Weight)	68kDa

研究背景 (Background)

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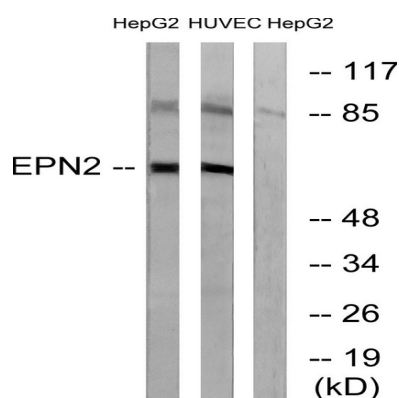


This gene encodes a protein which interacts with clathrin and adaptor-related protein complex 2, alpha 1 subunit. The protein is found in a brain-derived clathrin-coated vesicle fraction and localizes to the peri-Golgi region and the cell periphery. The protein is thought to be involved in clathrin-mediated endocytosis. Alternate splicing of this gene results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008],caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,domain:The DPW repeat domain is involved in AP-2 and clathrin binding.,domain:The NPF repeat domain is involved in EPS15 binding.,function:Plays a role in the formation of clathrin-coated invaginations and endocytosis.,PTM:Ubiquitinated.,similarity:Belongs to the epsin family.,similarity:Contains 1 ENTH (epsin N-terminal homology) domain.,similarity:Contains 2 UIM (ubiquitin-interacting motif) repeats.,subcellular location:In punctate structures throughout the cell, associated with clathrin-coated vesicles, and particularly concentrated in the region of the Golgi complex.,subunit:Binds EPS15 (By similarity). Binds AP-2 and clathrin.,tissue specificity:Highest expression is found in brain. Detected at lower levels in lung and liver.,

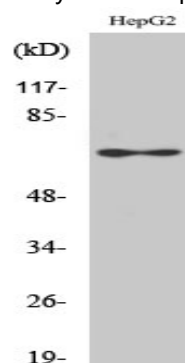
研究领域 (Research Area)

Endocytosis;

图片 (Image Data)



Western blot analysis of lysates from HepG2 and HUVEC cells, using EPN2 Antibody. The lane on the right is blocked with the synthesized peptide.



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Western Blot analysis of various cells using Epsin 2 Polyclonal Antibody diluted at 1: 1000

注意事项 (Note)

For research use only .