

产品名称: Epsin 1 Rabbit Polyclonal Antibody
产品货号: APRab10554



产品概述 (Summary)

产品名称 (Production Name)	Epsin 1 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,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)	EPN1
别名 (Alternative Names)	EPN1; Epsin-1; EH domain-binding mitotic phosphoprotein; EPS-15-interacting protein 1
基因 ID (Gene ID)	29924.0
蛋白 ID (SwissProt ID)	Q9Y6I3.Synthesized peptide derived from Epsin 1 . at AA range: 140-220

产品应用 (Application)

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

研究背景 (Background)

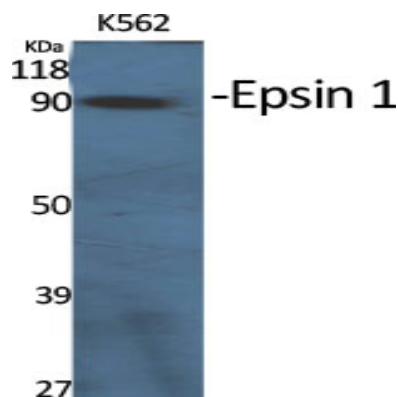
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This gene encodes a member of the epsin protein family. The encoded protein binds clathrin and is involved in the endocytosis of clathrin-coated vesicles. Loss of function of this gene is associated with reduced tumor growth and progression in certain cancer types. [provided by RefSeq, Mar 2016],domain:The DPW repeat domain is involved in AP2A2 and clathrin binding.,domain:The NPF repeat domain is involved in EPS15 binding.,function:Binds to membranes enriched in phosphatidylinositol-4,5-bisphosphate (PtdIns(4,5)P₂). Modifies membrane curvature and facilitates the formation of clathrin-coated invaginations (By similarity). Regulates receptor-mediated endocytosis.,online information:The bubble's bend -Issue 42 of January 2004,PTM:Phosphorylated on serine and/or threonine residues in mitotic cells. Phosphorylation reduces interaction with REPS2, AP-2 and the membrane fraction. Depolarization of synaptosomes results in dephosphorylation.,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:Associated with the cytoplasmic membrane at sites where clathrin-coated pits are forming. Colocalizes with clathrin and AP-2 in a punctate pattern on the plasma membrane. Detected in presynaptic nerve terminals and in Golgi stacks. May shuttle to the nucleus when associated with ZBTB16/ZNF145.,subunit:Monomer. Binds clathrin, ZBTB16/ZNF145 and ITSN1. Binds ubiquitinated proteins (By similarity). Binds REPS2, EPS15, AP2A1 and AP2A2. Interacts with RALBP1 in a complex also containing NUMB and TFAP2A during interphase and mitosis.,

研究领域 (Research Area)

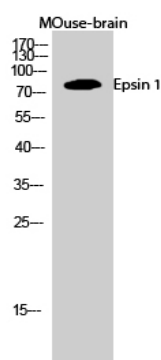
Endocytosis;

图片 (Image Data)



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

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Western Blot analysis of MOuse-brain cells using Epsin 1 Polyclonal Antibody diluted at 1: 1000

注意事项 (Note)

For research use only .