

产品名称: EHD1 (13E1) Rabbit Monoclonal Antibody
产品货号: AMRe10351



产品概述 (Summary)

产品名称 (Production Name)	EHD1 (13E1) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,IP
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)	Monoclonal
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)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	EHD1
别名 (Alternative Names)	EHD1; H PAST; hPAST1; PAST; PAST homolog 1; PAST1; Testilin;
基因 ID (Gene ID)	10938.0
蛋白 ID (SwissProt ID)	Q9H4M9.A synthetic peptide of human EHD1

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,IHC 1:100-1:1000,IP 1:10-1:100
蛋白分子量 (Molecular Weight)	61kDa

研究背景 (Background)

Acts in early endocytic membrane fusion and membrane trafficking of recycling endosomes. ATP- and membrane-binding

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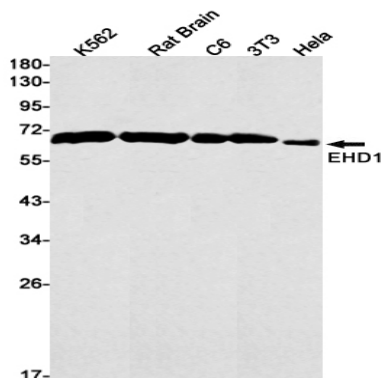


protein that controls membrane reorganization/tubulation upon ATP hydrolysis. In vitro causes vesiculation of endocytic membranes (PubMed: [24019528](http://www.uniprot.org/citations/24019528)). Acts in early endocytic membrane fusion and membrane trafficking of recycling endosomes (PubMed: [15020713](http://www.uniprot.org/citations/15020713), PubMed: [17233914](http://www.uniprot.org/citations/17233914), PubMed: [20801876](http://www.uniprot.org/citations/20801876)). Recruited to endosomal membranes upon nerve growth factor stimulation, indirectly regulates neurite outgrowth (By similarity). Plays a role in myoblast fusion (By similarity). Involved in the unidirectional retrograde dendritic transport of endocytosed BACE1 and in efficient sorting of BACE1 to axons implicating a function in neuronal APP processing (By similarity). Plays a role in the formation of the ciliary vesicle (CV), an early step in cilium biogenesis. Proposed to be required for the fusion of distal appendage vesicles (DAVs) to form the CV by recruiting SNARE complex component SNAP29. Is required for recruitment of transition zone proteins CEP290, RPGRIP1L, TMEM67 and B9D2, and of IFT20 following DAV reorganization before Rab8-dependent ciliary membrane extension. Required for the loss of CCP110 from the mother centriole essential for the maturation of the basal body during ciliogenesis (PubMed: [25686250](http://www.uniprot.org/citations/25686250)).

研究领域 (Research Area)

Cardiovascular

图片 (Image Data)



Western blot detection of EHD1 in K562, Rat Brain, C6, 3T3, HeLa cell lysates using EHD1 antibody (1:1000 diluted).

注意事项 (Note)

For research use only .