

Rabbit anti-Human EHD1 Polyclonal Antibody | anti-EHD1 antibody

EHD1 Antibody

CATALOG # AAA231590	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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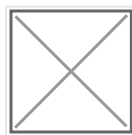
PRODUCT SYNONYMS

EHD1; Polyclonal Antibody; EHD1 Antibody; EH domain-containing protein 1Curated; PAST homolog 11; anti-EHD1 antibody

PRODUCT SPECIFICATIONS

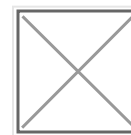
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	534
Applicable Applications for anti-EHD1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human EH domain-containing protein 1 protein
Conjugate	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-23450 / sc-23452 / sc-32917
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsil tissue using AAA231590 at dilution of 1:100



WB (Western Blot)

Western blotAll lanes: EHD1 antibody at 12 ug/ml+ MDA-MB-231 whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 61 kDaObserved band size: 61 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-EHD1 antibody	ATP- and membrane-binding protein that controls membrane reorganization/tubulation upon ATP hydrolysis. In vitro causes vesiculation of endocytic membranes (PubMed:24019528). Acts in early endocytic membrane fusion and membrane trafficking of recycling endosomes (PubMed:15020713, PubMed:17233914, PubMed: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).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	540344515
NCBI GeneID	10938
NCBI Accession #	NP_001269373.1
NCBI GenBank Nucleotide #	NM_001282444.1
UniProt Accession #	Q9H4M9; O14611; Q2M3Q4; Q9UNR3
Molecular Weight	60,627 Da
NCBI Official Full Name	EH domain-containing protein 1 isoform 1
NCBI Official Synonym Full Names	EH domain containing 1
NCBI Official Symbol	EHD1
NCBI Official Synonym Symbols	PAST; PAST1; H-PAST; HPAST1
NCBI Protein Information	EH domain-containing protein 1
UniProt Protein Name	EH domain-containing protein 1
UniProt Gene Name	EHD1
UniProt Synonym Gene Names	hPAST1
UniProt Entry Name	EHD1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.