

OriGene Technologies, Inc.

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Product datasheet for TA363056

Ehd1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of mouse EHD1
Specificity:	Expected reactivity: Mouse
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	61 kDa
Gene Name:	EH-domain containing 1
Database Link:	<u>NP_034249.1</u> <u>Entrez Gene 13660 Mouse</u> <u>Q9WVK4</u>



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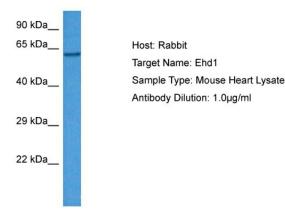
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Background:ATP- and membrane-binding protein that controls membrane reorganization/tubulation
upon ATP hydrolysis. In vitro causes vesiculation of endocytic membranes (By similarity). Acts
in early endocytic membrane fusion and membrane trafficking of recycling endosomes.
Recruited to endosomal membranes upon nerve growth factor stimulation, indirectly
regulates neurite outgrowth (By similarity). Plays a role in myoblast fusion. 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. 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 form the
mother centriole essential for the maturation of the basal body during ciliogenesis (By
similarity).

Synonyms:

FLJ42622; FLJ44618; H-PAST; HPAST1; OTTHUMP00000069747; PAST; PAST1; testilin

Product images:



Host: Rabbit Target Name: EHD1 Sample Tissue: Mouse Heart lysates Antibody Dilution: 1ug/ml

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