Datasheet for ABIN7151455

anti-EHD1 antibody (AA 401-498) (FITC)

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Overview

Quantity:	100 µg
Target:	EHD1
Binding Specificity:	AA 401-498
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EHD1 antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human EH domain-containing protein 1 protein (401-498AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	EHD1
Alternative Name:	EHD1 (EHD1 Products)
Background:	Background: ATP- and membrane-binding protein that controls membrane reorganization/tubulation upon ATP hydrolysis. In vitro causes vesiculation of endocytic

Target Details

	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 form the mother centriole essential for the maturation of the basal body during ciliogenesis (PubMed:25686250). Aliases: CDABP0131 antibody, EH domain containing 1 antibody, EH domain-containing protein 1 antibody, EHD1 antibody, EHD1_HUMAN antibody, FLJ42622 antibody, FLJ44618 antibody, H PAST antibody, hPAST1 antibody, PAST antibody, PAST homolog 1 antibody, PAST1 antibody, Testilin antibody
UniProt:	Q9H4M9
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.