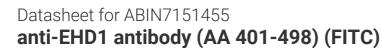
# antibodies -online.com







# 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 |

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, PAST antibody, PAST antibody, PAST 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<br>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.   |