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[Primary Antibody]

Rabbit Anti-EHD1 antibody

Catalog Number: SL14525R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	EHD1
Immunogen:	KLH conjugated synthetic peptide derived from human EHD1: 1-100/534
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Dog, Pig, Cow)
Predicted MW.:	61kDa
Subcellular Location:	The cell membrane
Background:	This gene belongs to a highly conserved gene family encoding EPS15 homology (EH) domain-containing proteins. The protein-binding EH domain was first noted in EPS15, a substrate for the epidermal growth factor receptor. The EH domain has been shown to be an important motif in proteins involved in protein-protein interactions and in intracellular sorting. The protein encoded by this gene is thought to play a role in the endocytosis of IGF1 receptors. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2013] **Function:** Acts in early endocytic membrane fusion and membrane trafficking of recycling endosomes. **Subcellular Location:** Cell membrane. Early endosome membrane. Recycling

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	endosome membrane. Associated with intracellular tubulovesicular structures. **Tissue Specificity:** Highly expressed in testis. **Similarity:** Contains 1 EF-hand domain. Contains 1 EH domain. **Database links:** **Entrez Gene:** 10938 Human **Entrez Gene:** 13660 Mouse **Entrez Gene:** 293692 Rat Omim: 605888 Human **SwissProt:** Q9H4M9 Human **SwissProt:** Q9WVK4 Mouse **SwissProt:** Q641Z6 Rat **Unigene:** 523774 Human **Unigene:** 710868 Human **Unigene:** 30169 Mouse **Unigene:** 471458 Mouse **Unigene:** 8141 Rat

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