

EHD3 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant EHD3.

Catalog # AT1867a

Product Information

Application	WB, IHC, IF, E
Primary Accession	Q9NZN3
Other Accession	NM_014600
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	4B7
Calculated MW	60887

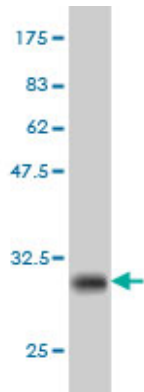
Additional Information

Gene ID	30845
Other Names	EH domain-containing protein 3, PAST homolog 3, EHD3, EHD2, PAST3
Target/Specificity	EHD3 (NP_055415, 357 a.a. ~ 406 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	EHD3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

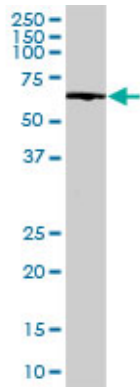
References

EH domain proteins regulate cardiac membrane protein targeting. Gudmundsson H, et al. Circ Res, 2010 Jul 9. PMID 20489164. A genome-wide meta-analysis identifies 22 loci associated with eight hematological parameters in the HaemGen consortium. Soranzo N, et al. Nat Genet, 2009 Nov. PMID 19820697. EHD3 regulates early-endosome-to-Golgi transport and preserves Golgi morphology. Naslavsky N, et al. J Cell Sci, 2009 Feb 1. PMID 19139087. Myosin Vb interacts with Rab8a on a tubular network containing EHD1 and EHD3. Roland JT, et al. Mol Biol Cell, 2007 Aug. PMID 17507647. Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. Genome Res, 2006 Jan. PMID 16344560.

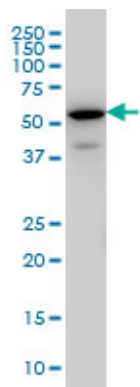
Images



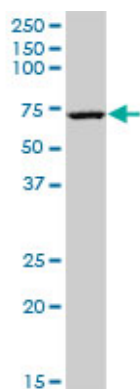
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (31.24 KDa) .



EHD3 monoclonal antibody (M01), clone 4B7. Western Blot analysis of EHD3 expression in COLO 320 HSR ((Cat # AT1867a)

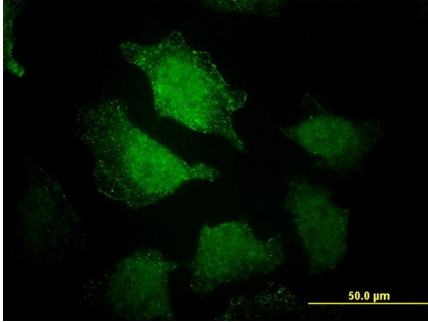
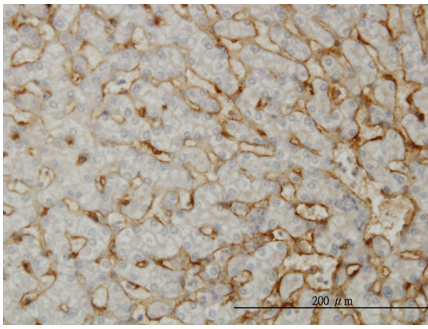


EHD3 monoclonal antibody (M01), clone 4B7 Western Blot analysis of EHD3 expression in IMR-32 ((Cat # AT1867a)

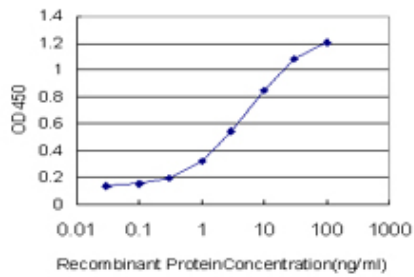


EHD3 monoclonal antibody (M01), clone 4B7. Western Blot analysis of EHD3 expression in MCF-7 ((Cat # AT1867a)

Immunoperoxidase of monoclonal antibody to EHD3 on formalin-fixed paraffin-embedded human liver. [antibody concentration 3 ug/ml]



Immunofluorescence of monoclonal antibody to EHD3 on HeLa cell. [antibody concentration 25 ug/ml]



Detection limit for recombinant GST tagged EHD3 is approximately 0.1ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.