

Rabbit EHD2 Polyclonal Antibody | anti-EHD2 antibody

EHD2 Antibody (C-term)

CATALOG # AAA289753	HOST Rabbit	REACTIVITY Human, mouse, rat	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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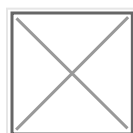
PRODUCT SYNONYMS

EHD2; Polyclonal Antibody; EHD2 Antibody (C-term); EH domain-containing protein 2; PAST homolog 2; PAST2; anti-EHD2 antibody

PRODUCT SPECIFICATIONS

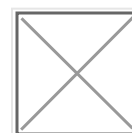
Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This EHD2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 415-449 amino acids from the C-terminal region of human EHD2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	543
Applicable Applications for anti-EHD2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from A549, Hela cell line, human placenta, mouse lung, rat lung tissue (from left to right), using EHD2 Antibody (C-term). AAA289753 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded H. placenta section using EHD2 Antibody (C-term). AAA289753 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded H. heart section using EHD2 Antibody (C-term). AAA289753 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

ADDITIONAL INFORMATION

Related Product Information for anti-EHD2 antibody	Plays a role in membrane reorganization in response to nucleotide hydrolysis. Binds to liposomes and deforms them into tubules. Plays a role in membrane trafficking between the plasma membrane and endosomes. Important for the internalization of GLUT4. Required for normal fusion of myoblasts to skeletal muscle myotubes. Required for translocation of FER1L5 to the plasma membrane. Binds ATP; does not bind GTP (By similarity).
Product Categories/Family for anti-EHD2 antibody	Crown Antibodies
References	Pohl U.,et al.Genomics 63:255-262(2000). Benjamin S.,et al.Submitted (DEC-2001) to the EMBL/GenBank/DDBJ databases. Ota T.,et al.Nat. Genet. 36:40-45(2004). Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases. Aboulaich N.,et al.Biochem. J. 383:237-248(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361462
NCBI GeneID	30846
NCBI Accession #	NP_055416.2
NCBI GenBank Nucleotide #	NM_014601.3
UniProt Accession #	Q9NZN4; Q96CB6; B2RDH9; B4DNU6
Molecular Weight	61161
NCBI Official Full Name	EH domain-containing protein 2
NCBI Official Synonym Full Names	EH-domain containing 2
NCBI Official Symbol	EHD2
NCBI Official Synonym Symbols	PAST2
NCBI Protein Information	EH domain-containing protein 2
UniProt Protein Name	EH domain-containing protein 2
UniProt Gene Name	EHD2
UniProt Synonym Gene Names	PAST2
UniProt Entry Name	EHD2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.