



EHD2 Mouse mAb

Catalog No	YP-mAb-18595
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	EHD2 PAST2
Immunogen	Synthesized peptide derived from human EHD2
Specificity	This antibody detects endogenous levels of EHD2 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PAST2;EHD2;EHD2 PAST2;EH domain-containing protein 2 (PAST homolog 2)
Observed Band	61kDa
Calculated Molecular Weight	61kDa
Cell Pathway	Cell membrane ; Peripheral membrane protein ; Cytoplasmic side . Membrane, caveola ; Peripheral membrane protein ; Cytoplasmic side . Endosome membrane ; Peripheral membrane protein ; Cytoplasmic side . Cytoplasm, cytosol . Colocalizes with GLUT4 in intracellular tubulovesicular structures that are associated with cortical F-actin. Colocalizes with FER1L5 at plasma membrane in myoblasts and myotubes. .
Tissue Specificity	Highly expressed in heart and moderately expressed in placenta, lung, and skeletal muscle.
Function	ATP- and membrane-binding protein that controls membrane reorganization/ tubulation upon ATP hydrolysis (By similarity). Plays a role in membrane trafficking between the plasma membrane and endosomes . Important for the internalization of GLUT4. Required for fusion of myoblasts to skeletal muscle myotubes. Required for normal translocation of FER1L5 to the plasma membrane (By similarity). Regulates the equilibrium between cell surface-associated and cell surface-dissociated caveolae by constraining caveolae at



the cell membrane .

Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images