

PLEKHA1 Recombinant monoclonal antibody

Catalog Number: 88114-1-RR

Basic Information

Catalog Number: 88114-1-RR	GenBank Accession Number: BC001136	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 59338	CloneNo.: 260319B3
Isotype: IgG	UNIPROT ID: Q9HB21	Recommended Dilutions: WB: 1:2000-1:10000
Immunogen Catalog Number: AG0318	Full Name: pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 1	
	Calculated MW: 46 kDa	
	Observed MW: 46 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, A549 cells, Jurkat cells
Species Specificity: human	

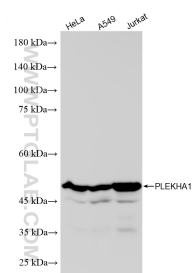
Background Information

Pleckstrin homology (PH) domain is commonly found in eukaryotic signaling proteins and possesses multiple functions including the abilities to bind inositol phosphates and various proteins. The tandem PH domain containing protein-1 (TAPP1) or PH domain containing-family A (phosphoinositide binding specific) member 1 (PLEKHA1), interacts strongly and specifically with phosphatidylinositol 3,4-trisphosphate [PtdIns(3,4)P(2)], which is one of the immediate breakdown products of PtdIns(3,4,5) P (3) and functions as a signalling molecule in insulin- and growth-factor-stimulated pathways. TAPP1 is also associated with the protein-tyrosine-phosphatase-like protein-1 (PTPL1 also known as FAP-1) and maintains PTPL1 in cytoplasm. By binding to PtdIns(3,4) P (2) and PTPL1, TAPP1 may regulate the membrane localization of PTPL1.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88114-1-RR (PLEKHA1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.