Immunotag™ PKHA1 Polyclonal Antibody

Antibody Specification

Catalog No.	ITN2409
Product Description	Immunotag™ PKHA1 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PKHA1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein . at AA range: 170-250
Specificity	PKHA1 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	PLEKHA1 TAPP1
Accession No.	Q9HB21 Q8BUL6

Antibody Specification

Description	pleckstrin homology domain containing A1(PLEKHA1) Homo sapiens This gene encodes a pleckstrin homology domain-containing adapter protein. The encoded protein is localized to the plasma membrane where it specifically binds phosphatidylinositol 3,4-bisphosphate. This protein may be involved in the formation of signaling complexes in the plasma membrane. Polymorphisms in this gene are associated with age-related macular degeneration. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 5.[provided by RefSeq, Sep 2010],
Protein Expression	Brain,Colon,Placenta,Testis,
Subcellular Localization	nucleoplasm,cytoplasm,plasma membrane,ruffle membrane,extracellular exosome,
Protein Function	domain:Binds to membranes enriched in PtdIns3,4P2 via the C-terminal PH domain.,function:Binds specifically to phosphatidylinositol-3,4-diphosphate (PtdIns3,4P2), but not to other phosphoinositides. May recruit other proteins to the plasma membrane.,similarity:Contains 1 PH domain.,similarity:Contains 2 PH domains.,subcellular location:Locates to the plasma membrane after treatments that stimulate the production of PtdIns3,4P2.,subunit:Binds MPDZ and PTPN13.,tissue specificity:Highly expressed in skeletal muscle, thymus, pancreas, placenta and lung. Detected at low levels in brain, heart, peripheral blood leukocytes, testis, ovary, spinal cord, thyroid, kidney, liver, small intestine and colon.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.