



PKHA1 Polyclonal Antibody

Catalog No	YP-Ab-07268
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	PLEKHA1 TAPP1
Immunogen	Synthesized peptide derived from human protein . at AA range: 170-250
Specificity	PKHA1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TAPP1;C920009D07Rik;PKHA1_HUMAN;PLEKHA1;PH domain-containing family A member 1;Tandem PH domain-containing protein 1 (TAPP-1); PKHA1_MOUSE;PKHA1;PLEKHA1 TAPP1;Pleckstrin homology domain-containing family A member 1 (PH domain-containing family A member 1) (Tandem PH domain-containing protein 1) (TAPP-1)
Observed Band	44kD
Calculated Molecular Weight	44kD
Cell Pathway	Cytoplasm . Cell membrane ; Peripheral membrane protein. Nucleus . Locates to the plasma membrane after treatments that stimulate the production of PtdIns3,4P2. .
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.
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.,

Background

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],

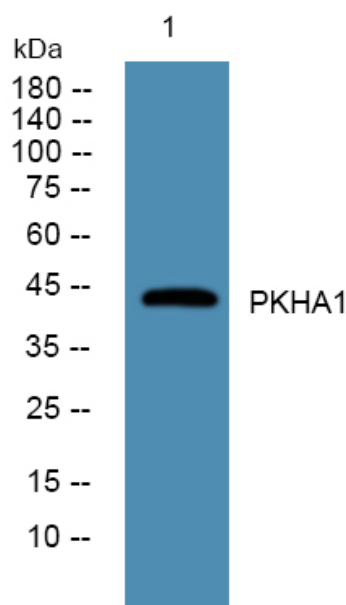
matters needing attention

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



Western blot analysis of lysates from SW480 cells, primary antibody was diluted at 1:1000, 4° over night