

Rabbit anti-Human PLEKHA4 Polyclonal Antibody | anti-PLEKHA4 antibody

PLEKHA4 Antibody (N-term)

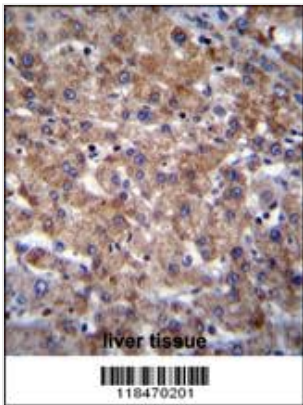
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290184	Rabbit	Human	Immunohistochemistry, Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

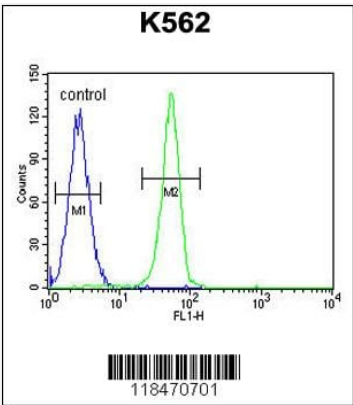
PLEKHA4; Polyclonal Antibody; PLEKHA4 Antibody (N-term); Pleckstrin homology domain-containing family A member 4; PH domain-containing family A member 4; Phosphoinositol 3-phosphate-binding protein 1; PEPP-1; PEPP1; anti-PLEKHA4 antibody

PRODUCT SPECIFICATIONS

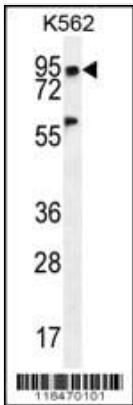
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PLEKHA4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 21-50 amino acids from the N-terminal region of human PLEKHA4.
Purity/Purification	Peptide Affinity Purified Rabbit 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.
Concentration	Vial Concentration: 0.43 (varies by lot)
Sequence Positions	21-50
Sequence Length	583
Applicable Applications for anti- PLEKHA4 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
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.



IHC (Immunohistochemisry)
PLEKHA4 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PLEKHA4 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



FCM/FACS (Flow Cytometry)
PLEKHA4 Antibody (N-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
PLEKHA4 Antibody (N-term) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the PLEKHA4 antibody detected the PLEKHA4 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti- PLEKHA4 antibody	PLEKHA4 binds specifically to phosphatidylinositol-3-phosphate (PtdIns3P), but not to other phosphoinositides.
Product Categories/Family for anti- PLEKHA4 antibody	Cardiovascular; Metabolism; Signal transduction
References	Stelzl, U., et al. Cell 122(6):957-968(2005) Dowler, S., et al. Biochem. J. 351 (PT 1), 19-31 (2000) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	238859653
NCBI GeneID	57664
NCBI Accession #	NP_001154826.1; NP_065955.2
NCBI GenBank Nucleotide #	NM_001161354.1
UniProt Accession #	Q9H4M7; Q8N4M8; Q8N658
Molecular Weight	85401

NCBI Official Full Name	pleckstrin homology domain-containing family A member 4 isoform 2
NCBI Official Synonym Full Names	pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 4
NCBI Official Symbol	PLEKHA4
NCBI Official Synonym Symbols	PEPP1
NCBI Protein Information	pleckstrin homology domain-containing family A member 4
UniProt Protein Name	Pleckstrin homology domain-containing family A member 4
UniProt Gene Name	PLEKHA4
UniProt Synonym Gene Names	PEPP1; PH domain-containing family A member 4; PEPP-1
UniProt Entry Name	PKHA4_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/plekha4-antibody-immunohistochemistry-flow-cytometry-western-blot-elisa/290184>