

## Product datasheet for **AP53347PU-N**

### **PLEKHA4 (N-term) Rabbit Polyclonal Antibody**

#### **Product data:**

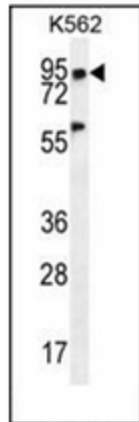
Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 150-1/100. <b>Flow Cytometry:</b> 1/10-1/50. <b>Immunohistochemistry on Paraffin Sections:</b> 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 28-58 amino acids from the N-terminal region of human PLEKHA4
Specificity:	This antibody recognizes Human PLEKHA4 (N-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	pleckstrin homology domain containing A4
Database Link:	<a href="#">Entrez Gene 57664 Human Q9H4M7</a>
Background:	PLEKHA4 binds specifically to phosphatidylinositol-3-phosphate (PtdIns3P), but not to other phosphoinositides.
Synonyms:	PEPP1, PEPP-1



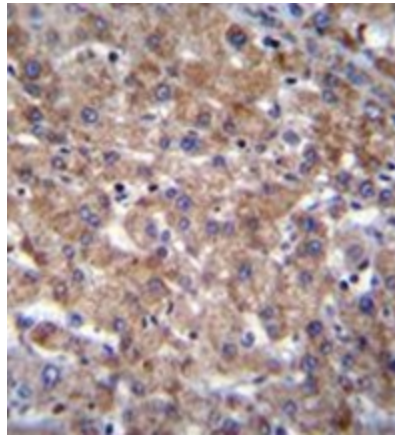
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Note: **Molecular Weight:** 85401 Da

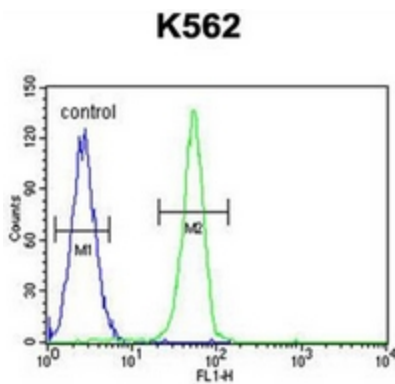
**Product images:**



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



Immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue reacted with PLEKHA4 Antibody (N-term), which was peroxidase conjugated to the secondary antibody and followed by DAB staining. This data demonstrates the use of PLEKHA4 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



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