

## ARG42988 anti-PLEKHA1 / TAPP1 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes PLEKHA1 / TAPP1
Tested Reactivity	Hu, Ms, Rat
Tested Application	IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PLEKHA1 / TAPP1
Species	Human
Immunogen	Synthetic peptide of Human PLEKHA1 / TAPP1.
Conjugation	Un-conjugated
Alternate Names	Pleckstrin homology domain-containing family A member 1; TAPP1; Tandem PH domain-containing protein 1; TAPP-1; PH domain-containing family A member 1

### Application Instructions

Application table	Application	Dilution
	IP	1:20
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	K562	
Observed Size	~ 46 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	50 mM Tris-Glycine (pH 7.4), 150 mM NaCl, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
Concentration	Batch dependent
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

**Note**

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Gene Symbol	PLEKHA1
Gene Full Name	pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 1
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]
Function	Binds specifically to phosphatidylinositol 3,4-diphosphate (PtdIns3,4P2), but not to other phosphoinositides. May recruit other proteins to the plasma membrane. [UniProt]
Calculated Mw	46 kDa
Cellular Localization	Cytoplasm. Cell membrane; Peripheral membrane protein. Nucleus. Note=Locates to the plasma membrane after treatments that stimulate the production of PtdIns3,4P2. [UniProt]

## Images

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ARG42988 anti-PLEKHA1 / TAPP1 antibody WB image

Western blot: K562 cell lysate stained with ARG42988 anti-PLEKHA1 / TAPP1 antibody at 1:1000 dilution.