ARG43916
anti-PLEKHA1 / TAPP1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PLEKHA1 / TAPP1
Tested Reactivity	Hu
Tested Application	ELISA, FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PLEKHA1 / TAPP1
Species	Human
Immunogen	Human PLEKHA1 / TAPP1 recombinant protein
Conjugation	Un-conjugated
Alternate Names	PLEKHA1; Pleckstrin Homology Domain Containing A1; TAPP1; Pleckstrin Homology Domain Containing, Family A (Phosphoinositide Binding Specific) Member 1; Pleckstrin Homology Domain-Containing Family A Member 1; Tandem PH Domain-Containing Protein 1; Pleckstrin Homology Domain-Containing, Family A (Phosphoinositide Binding Specific) Member 1; PH Domain-Containing Family A Member 1; Tandem PH Domain Containing Protein-1; TAP

Application Instructions

Application table

Application	Dilution
ELISA	0.1-0.5 µg/ml
FACS	1-3 µg/1x10^6 cells
ICC/IF	5 µg/ml
IHC-P	2-5 µg/ml
WB	0.25-0.5 µg/ml

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

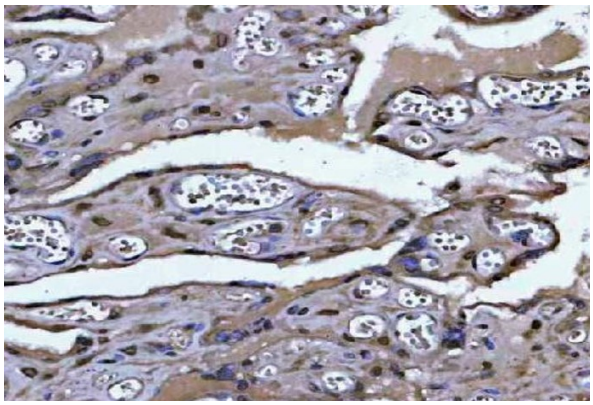
Form	Liquid
Purification	Affinity purified with Immunogen.
Buffer	0.9% NaCl, 0.2% Na2HPO4 and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml

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 or below. 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

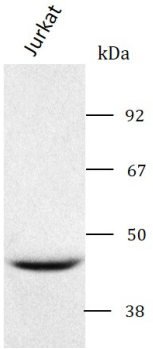
Gene Symbol	PLEKHA1
Gene Full Name	Pleckstrin Homology Domain Containing A1
Background	This gene encodes a pleckstrin homology domain-containing adapter protein. The encoded protein is localized to the plasma membrane where it specifically binds phosphatidylinositol 3,4-bisphosphate. This protein may 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.
Function	Binds specifically to phosphatidylinositol 3,4-diphosphate (PtdIns3,4P2), but not to other phosphoinositides. May recruit other proteins to the plasma membrane.
Calculated Mw	46 kDa
PTM	Phosphoprotein
Cellular Localization	Cell membrane, Cytoplasm, Membrane, Nucleus

Images



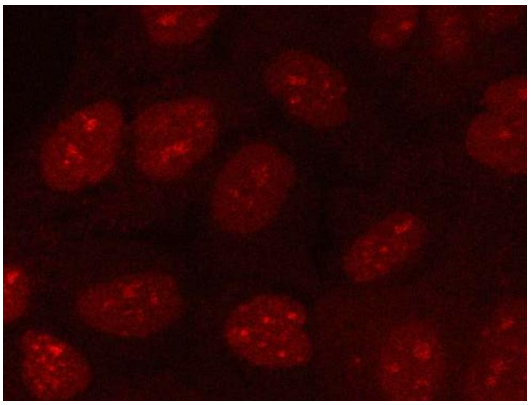
ARG43916 anti-PLEKHA1 / TAPP1 antibody IHC-P image

Immunohistochemistry: Human placenta tissue stained with ARG43916 anti-PLEKHA1 / TAPP1 antibody at 2 µg/ml dilution.



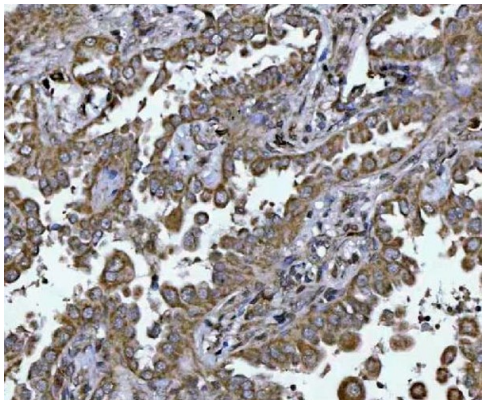
ARG43916 anti-PLEKHA1 / TAPP1 antibody WB image

Western blot: Jurkat lung stained with ARG43916 anti-PLEKHA1 / TAPP1 antibody at 0.5 µg/mL dilution.



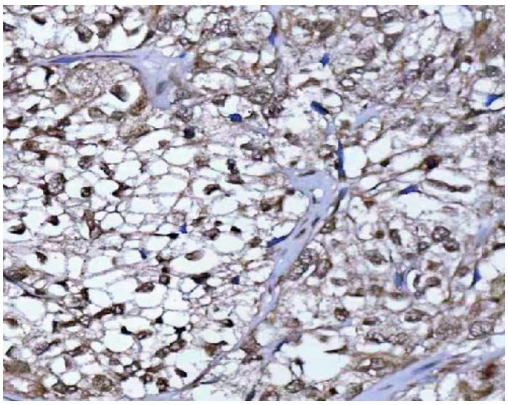
ARG43916 anti-PLEKHA1 / TAPP1 antibody ICC/IF image

Immunofluorescence: A431 cells stained with ARG43916 anti-PLEKHA1 / TAPP1 antibody at 5 µg/ml dilution.



ARG43916 anti-PLEKHA1 / TAPP1 antibody IHC-P image

Immunohistochemistry: Human lung cancer tissue stained with ARG43916 anti-PLEKHA1 / TAPP1 antibody at 2 µg/ml dilution.



ARG43916 anti-PLEKHA1 / TAPP1 antibody IHC-P image

Immunohistochemistry: Human invasive urothelial carcinoma tissue stained with ARG43916 anti-PLEKHA1 / TAPP1 antibody at 2 µg/ml dilution.