

Product datasheet

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ARG42789 anti-Cip4 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes Cip4

Tested Reactivity Hu

Tested Application WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name Cip4

Species Human

Immunogen Synthetic peptide of Human Cip4.

Conjugation Un-conjugated

Alternate Names CIP4; Cdc42-interacting protein 4; Salt tolerant protein; STOT; HSTP; Thyroid receptor-interacting

protein 10; STP; TR-interacting protein 10; hSTP; Protein Felic; TRIP-10

Application Instructions

Application table	Application	Dilution
	WB	1:1000 - 1:5000
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	~ 85 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

Gene Symbol TRIP10

Gene Full Name thyroid hormone receptor interactor 10

Function Required for translocation of GLUT4 to the plasma membrane in response to insulin signaling (By

similarity). Required to coordinate membrane tubulation with reorganization of the actin cytoskeleton

during endocytosis. Binds to lipids such as phosphatidylinositol 4,5-bisphosphate and

phosphatidylserine and promotes membrane invagination and the formation of tubules. Also promotes CDC42-induced actin polymerization by recruiting WASL/N-WASP which in turn activates the Arp2/3 complex. Actin polymerization may promote the fission of membrane tubules to form endocytic vesicles. Required for the formation of podosomes, actin-rich adhesion structures specific to monocyte-

derived cells. May be required for the lysosomal retention of FASLG/FASL. [UniProt]

Calculated Mw 68 kDa

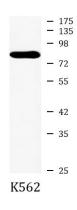
PTM Tyrosine phosphorylated. Also phosphorylated by PKA. [UniProt]

Cellular Localization Cytoplasm, cytoskeleton. Cytoplasm, cell cortex. Lysosome. Golgi apparatus. Cell membrane. Cell

projection, phagocytic cup. Note=Translocates to the plasma membrane in response to insulin stimulation, and this may require active RHOQ (By similarity). Localizes to cortical regions coincident with F-actin, to lysosomes and to sites of phagocytosis in macrophages. Also localizes to the Golgi, and

this requires AKAP9. Isoform 5: Cytoplasm, perinuclear region. [UniProt]

Images



ARG42789 anti-Cip4 antibody WB image

Western blot: K562 cell lysate stained with ARG42789 anti-Cip4 antibody at 1:1000 dilution.