

ARG42789 anti-Cip4 antibody

Package: 100 µl
Store at: -20°C

Summary

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|---------------------|---|
| 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

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| 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 | 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.