

KD-Validated Anti-Thyroid hormone receptor interactor 10 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1468

Product Information

Application	WB, FC, ICC
Primary Accession	Q15642
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB4705
Calculated MW	68352
Gene Name	TRIP10
Aliases	TRIP10; Thyroid Hormone Receptor Interactor 10; HSTP; CIP4; STP; STOT; Thyroid Receptor-Interacting Protein 10; Cdc42-Interacting Protein 4; TR-Interacting Protein 10; Salt Tolerant Protein; Salt Tolerator; Protein Felic; TRIP-10; Cdc42-Interacting Protein
Immunogen	A synthesized peptide derived from human Cip4

Additional Information

Gene ID	9322
Other Names	Cdc42-interacting protein 4, Protein Felic, Salt tolerant protein, hSTP, Thyroid receptor-interacting protein 10, TR-interacting protein 10, TRIP-10, TRIP10, CIP4, STOT, STP

Protein Information

Name	TRIP10
Synonyms	CIP4, STOT, STP
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- biphosphate 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.

Cellular Location	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.
Tissue Location	Expressed in brain, colon, heart, kidney, liver, lung, megakaryocyte, ovary, pancreas, peripheral blood lymphocytes, placenta, prostate, skeletal muscle, small intestine, spleen, testis, thymus and trachea.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.