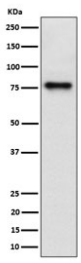
TRIP10 Antibody / CIP4 [clone 28T70] (RQ8543)

Catalog No.	Formulation	Size
RQ8543	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ug

Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	28T70
Purity	Affinity chromatography
UniProt	Q15642
Applications	Western blot: 1:500-1:2000
Limitations	This TRIP10 antibody is available for research use only.



Western blot testing of human HepG2 cell lysate with TRIP10 antibody. Expected molecular weight: 40-85 kDa (multiple isoforms).

Description

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]

Application Notes

Optimal dilution of the TRIP10 antibody should be determined by the researcher.

Immunogen

A synthetic peptide from human Cdc42-interacting protein 4 / Thyroid receptor-interacting protein 10 protein was used as the immunogen for the TRIP10 antibody.

Storage

Store the TRIP10 antibody at -20oC.

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