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TRIP10 (N) Antibody, Rabbit Polyclonal

Cat#: R1862-1

Quantity: 100 ul

Predicted | Observed M.W.: 68 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q15642

Background:

Thyroid receptor-interacting protein 10 (TRIP10) is required for the translocation of GLUT4 to the plasma membrane in response to insulin signaling. TRIP10 is required to coordinate membrane tubulation with reorganization of the actin cytoskeleton during endocytosis. TRIP10 binds to lipids such as phosphatidylinositol 4,5-bisphosphate and phosphatidylserine, and promotes membrane invagination and the formation of tubules. TRIP10 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. TRIP10 is required for the formation of podosomes, actin-rich adhesion structures specific for monocyte-derived cells. TRIP10 may be required for the lysosomal retention of FASLG/FASL.

Other Names:

CIP4, HSTP, STOT, STP, Cdc42-interacting protein 4, Protein Felic, Salt tolerant protein, hSTP, Thyroid receptor-interacting protein 10, TR-interacting protein 10, TRIP-10

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human TRIP10. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

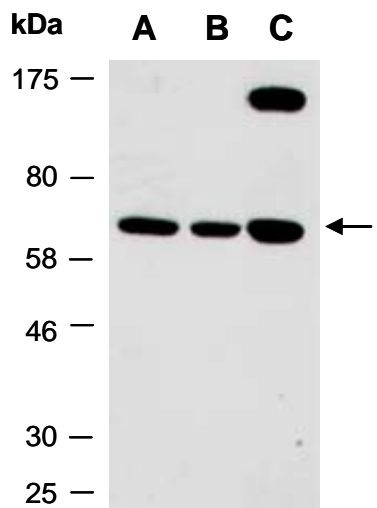


Fig 1. Western blot of total cell extracts from A) mouse brain, B) mouse thymus, C) human Jurkat; using anti-TRIP10 (N) (R1862-1) at RT for 2 h.