

Rabbit anti-Human, Rat Cip4/TRIP10 Polyclonal Antibody | anti-TRIP10 antibody

Anti-Cip4/TRIP10 Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126344	Rabbit	Human, Rat	ELISA, Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Cip4/TRIP10; Polyclonal Antibody; Anti-Cip4/TRIP10 Antibody Picoband; anti-TRIP10 antibody

PRODUCT SPECIFICATIONS

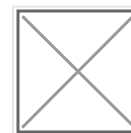
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-TRIP10 antibody	ELISA, IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human Cip4/TRIP10 recombinant protein (Position: M1-M182).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.

IMAGES



IF (Immunofluorescence)

Figure 2. IF analysis of Cip4/TRIP10 using anti-Cip4/TRIP10 antibody (AAA126344). Cip4/TRIP10 was detected in an immunocytochemical section of A431 cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent (AR0022) for 15 mins. The cells were blocked with 10% goat serum. And then incubated with 5 ug/mL rabbit anti-Cip4/TRIP10 Antibody (AAA126344) overnight at 4 degree C. DyLight488 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37 degree C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



WB (Western Blot)

Figure 1. Western blot analysis of Cip4/TRIP10 using anti-Cip4/TRIP10 antibody (AAA126344). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human HepG2 whole cell lysates, Lane 2: human Hela whole cell lysates, Lane 3: rat testis tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-Cip4/TRIP10 antigen affinity purified polyclonal antibody (#AAA126344) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for Cip4/TRIP10 at approximately 85 kDa. The expected band size for Cip4/TRIP10 is at 68 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TRIP10 antibody	Cdc42-interacting protein 4 is a protein that in humans is encoded by the TRIP10 gene. TRIP10 (thyroid hormone receptor interactor 10), also known as CIP4 (Cdc42-interacting protein 4), is a novel adaptor protein which may be involved in plasma membrane remodeling. CIP4 has been reported to negatively regulate glucose uptake by promoting GLUT4 endocytosis in muscle cells. At least five splice variants for human CIP4 have been identified, including CIP4a (CIP4), CIP4b (FELIC), CIP4c, CIPh (CIP4/2). Western blot analysis usually demonstrates a major band around 75 kDa and a weaker band about 85 kDa.
Product Categories/Family for anti-TRIP10 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	118572632
NCBI GeneID	9322
UniProt Accession #	Q15642; O15184; Q53G22; Q5TZN1; Q6FI24; Q8NFL1; Q8TCY1; Q8TDX3; Q96RJ1; B2R8A6; B7WP22; D6W645
Molecular Weight	601
NCBI Official Full Name	Cdc42-interacting protein 4
NCBI Official Synonym Full Names	thyroid hormone receptor interactor 10
NCBI Official Symbol	TRIP10
NCBI Official Synonym Symbols	STP; CIP4; HSTP; STOT; TRIP-10
NCBI Protein Information	cdc42-interacting protein 4; protein Felic; salt tolerator; salt tolerant protein; TR-interacting protein 10; thyroid receptor-interacting protein 10
UniProt Protein Name	Cdc42-interacting protein 4
UniProt Gene Name	TRIP10
UniProt Synonym Gene Names	CIP4; STOT; STP; hSTP; TR-interacting protein 10; TRIP-10
UniProt Entry Name	CIP4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.