

Rabbit anti-Human PCH2/TRIP13 Polyclonal Antibody | anti-TRIP13 antibody

Anti-PCH2/TRIP13 Antibody Picoband

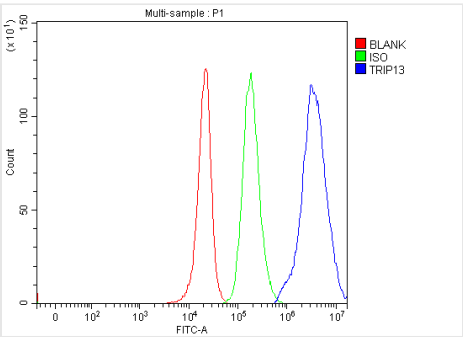
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126476	Rabbit	Human	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

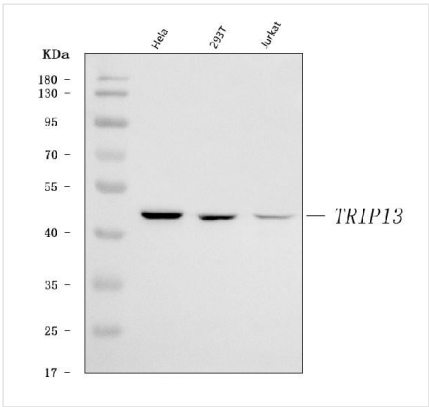
PCH2/TRIP13; Polyclonal Antibody; Anti-PCH2/TRIP13 Antibody Picoband; anti-TRIP13 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
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-TRIP13 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human PCH2/TRIP13 recombinant protein (Position: M1-Q421).
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.



FCM/FACS (Flow Cytometry)
Figure 2. Flow Cytometry analysis of 293T cells using anti-PCH2/TRIP13 antibody (AAA126476).Overlay histogram showing 293T cells stained with AAA126476 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-PCH2/TRIP13 Antibody (AAA126476, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



WB (Western Blot)
Figure 1. Western blot analysis of PCH2/TRIP13 using anti-PCH2/TRIP13 antibody (AAA126476).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 Hela whole cell lysates,Lane 2: human 293T whole cell lysates,Lane 3: human Jurkat whole cell 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-PCH2/TRIP13 antigen affinity purified polyclonal antibody (#AAA126476) 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 PCH2/TRIP13 at approximately 49 kDa. The expected band size for PCH2/TRIP13 is at 49 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TRIP13 antibody	TRIP13 is a mammalian gene that encodes the thyroid receptor-interacting protein 13. This gene encodes a protein that interacts with thyroid hormone receptors, also known as hormone-dependent transcription factors. The gene product interacts specifically with the ligand binding domain. This gene is one of several that may play a role in early-stage non-small cell lung cancer.
Product Categories/Family for anti-TRIP13 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	11321607
NCBI GeneID	9319
NCBI Accession #	NP_004228.1
NCBI GenBank Nucleotide #	NM_004237.3
UniProt Accession #	Q15645; O15324; C9K0T3; D3DTC0
Molecular Weight	48,551 Da
NCBI Official Full Name	pachytene checkpoint protein 2 homolog isoform 1
NCBI Official Synonym Full Names	thyroid hormone receptor interactor 13
NCBI Official Symbol	TRIP13
NCBI Official Synonym Symbols	16E1BP
NCBI Protein Information	pachytene checkpoint protein 2 homolog; 16E1-BP; TRIP-13; TR-interacting protein 13; HPV16 E1 protein binding protein; HPV16 E1 protein-binding protein; thyroid receptor interacting protein 13; thyroid receptor-interacting protein 13; human papillomavirus

UniProt Protein Name	Pachytene checkpoint protein 2 homolog
UniProt Gene Name	TRIP13
UniProt Synonym Gene Names	PCH2; 16E1-BP; HPV16 E1 protein-binding protein; TR-interacting protein 13; TRIP-13
UniProt Entry Name	PCH2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pch2-trip13-antibody-flow-cytometry-western-blot-elisa/126476>