

Rabbit anti-Human, Mouse CD253/TRAIL Polyclonal Antibody | anti-CD253/TRAIL antibody

Rabbit anti CD253/TRAIL/ (TNFSF10) (IN1) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA71329	Rabbit	Human, Mouse	Western Blot, Immunoprecipitation, Immunohistochemistry, Flow Cytometry, Functional Assay, ELISA

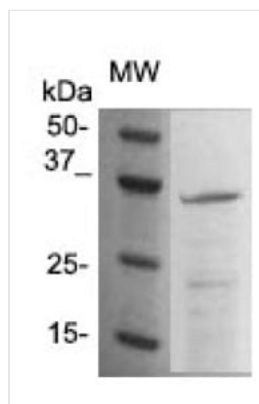
PRODUCT SYNONYMS

CD253/TRAIL; Polyclonal Antibody; Rabbit anti CD253/TRAIL/ (TNFSF10) (IN1) Polyclonal Antibody; TNFSF10; APO2L; anti-CD253/TRAIL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody recognizes ~34 kDa of human TRAIL protein.
Purity/Purification	Purified by Epitope Affinity Purification
Form/Format	Supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Applicable Applications for anti-CD253/TRAIL antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), ELISA
Preparation	A synthetic peptide corresponding to the N-terminus of TRAIL protein (from 115aa-140aa). This sequence is identical to human and mouse.
Positive Control	Raji cell
Cellular location	Membrane/cytoplasmic
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20 degree C. The antibodies can be stored at 2 degree C - 8 degree C for one month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



WB (Western Blot)

WB: The cell lysate derived from Raji was separated in 10% SDSPAGE, transferred onto NC membrane, and immunoblotted by Rabbit anti CD253/TRAIL (IN1) (Cat#AAA71329) at 1:500. An immunoreactive band is observed at ~34 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CD253/TRAIL antibody	The TRAIL (TNF related apoptosis induced ligand) or Apo 2L /CD253 protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. The ligand binding to its receptors DR4/DR5 initiates apoptosis of tumor cells. TRAIL is expressed predominantly in spleen, lung, and prostate but also in many other tissues. TRAIL is a type II membrane protein from the TNF family. The human form of the protein is 281 amino acids in length, whereas the murine form is 291 amino acids. The two forms share 65% identity. TRAIL protein preferentially induces apoptosis in transformed and tumor cells, but does not appear to kill normal cells although it is expressed at a significant level in most normal tissues. This protein binds to several members of TNF receptor superfamily including TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4. The activity of this protein may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4, and TNFRSF11B/OPG that cannot induce apoptosis. The binding of this protein to its receptors has been shown to trigger the activation of MAPK8/JNK, caspase 8, and caspase 3.
References	Pitti, R.M., Marsters, S.A., Ruppert, S., Donahue, C.J., Moore, A. and Ashkenazi, A. Induction of apoptosis by Apo-2 ligand, a new member of the tumor necrosis factor cytokine family. J. Biol. Chem. 271 (22), 12687-12690 (1996)

NCBI AND UNIPROT INFORMATION

NCBI GeneID	8743
Molecular Weight	34kDa

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/cd253-trail-antibody-western-blot-immunoprecipitation-immunohistochemistry-flow-cytometry-elisa/71329>