

Rabbit anti-Human Trail Polyclonal Antibody | anti-Trail antibody

Trail Antibody

CATALOG # AAA302444	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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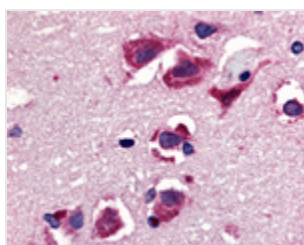
PRODUCT SYNONYMS

Trail; Polyclonal Antibody; Trail Antibody; Apo-2L; anti-Trail antibody

PRODUCT SPECIFICATIONS

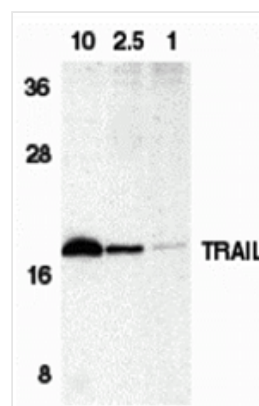
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Ion exchange chromatography purified
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	281
Applicable Applications for anti-Trail antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids near the carboxy terminus of human TRAIL.
Target Name	Trail
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of TRAIL in human brain tissue with TRAIL antibody at 20 ug/mL.



WB (Western Blot)

Western blot analysis of TRAIL in HeLa cell lysate containing 10, 2.5, or 1 ng of recombinant protein containing extracellular domain of TRAIL with TRAIL antibody at 1 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-Trail antibody	Apoptosis, or programmed cell death, occurs during normal cellular differentiation and development of multicellular organisms. Apoptosis is induced by certain cytokines including TNF and Fas ligand in the TNF family through their death domain containing receptors, TNFR1 and Fas. A novel member in the TNF family was recently identified and designated TRAIL (for TNF-related apoptosis-inducing ligand) and Apo-2L (for Apo-2 ligand) ¹ , TRAIL is a type II membrane protein and expressed in a variety of human tissues. Two novel death domain containing receptors DR4 and DR5 have been identified as the receptor for TRAIL3-6. Like TNF and Fas ligand, TRAIL induces apoptosis and NF-κB activation in many tissues and cells.
Product Categories/Family for anti-Trail antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507593
NCBI GeneID	8743
NCBI Accession #	NP_003801
NCBI GenBank Nucleotide #	NM_003810.3
Molecular Weight	11,746 Da
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 10 isoform 1
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 10
NCBI Official Symbol	TNFSF10
NCBI Official Synonym Symbols	TL2; APO2L; CD253; TRAIL; Apo-2L
NCBI Protein Information	tumor necrosis factor ligand superfamily member 10
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 10
UniProt Gene Name	TNFSF10
UniProt Synonym Gene Names	APO2L; TRAIL; Apo-2L; Protein TRAIL
UniProt Entry Name	TNF10_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/trail-antibody-immunohistochemistry-western-blot-elisa/302444>