

Rabbit anti-Human Trail Polyclonal Antibody | anti-TNFSF10 antibody

Trail Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39554	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

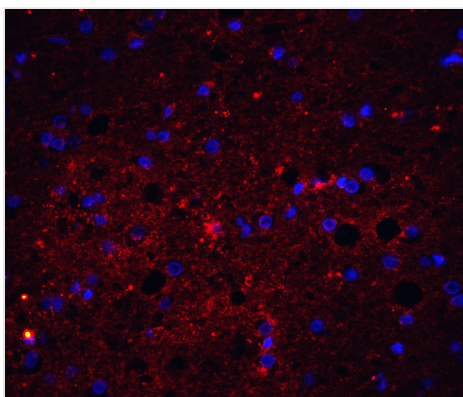
PRODUCT SYNONYMS

Trail; Polyclonal Antibody; Trail Antibody; TL2; APO2L; CD253; TRAIL; Apo-2L; Tumor necrosis factor ligand superfamily member 10; Apo-2 ligand; tumor necrosis factor (ligand) superfamily; member 10; anti-TNFSF10 antibody

PRODUCT SPECIFICATIONS

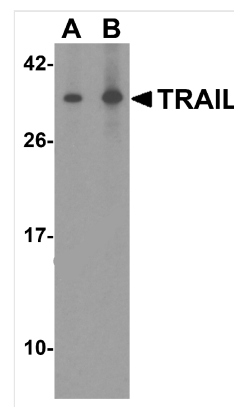
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Trail Antibody is Ion exchange chromatography purified.
Form/Format	Liquid
Sequence Length	281
Applicable Applications for anti-TNFSF10 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TRAIL antibody was raised against a peptide corresponding to amino acids near the carboxy terminus of human TRAIL.
Buffer	Trail Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Trail antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to 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



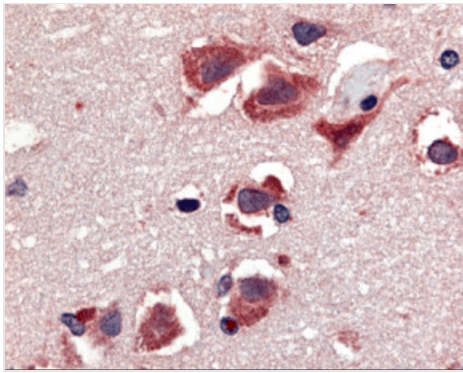
IF (Immunofluorescence)

Immunofluorescence of TRAIL in human brain tissue with Trail antibody at 20 µg/mL. Red: Trail Antibody (1113) Blue: DAPI staining

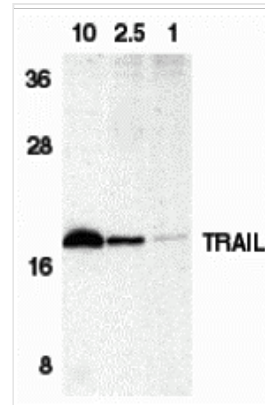


WB (Western Blot)

Western blot analysis of TRAIL in human brain tissue lysate with TRAIL antibody at (A) 2.5 and (B) 5 µg/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of TRAIL in human brain tissue with TRAIL antibody at 20 μg/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 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-TNFSF10 antibody

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- κ B activation in many tissues and cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507593
NCBI GeneID	8743
NCBI Accession #	NP_003801
NCBI GenBank Nucleotide #	NM_003810.3
UniProt Accession #	P50591; A1Y9B3
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; Apo-2 ligand; TNF-related apoptosis inducing ligand TRAIL; tumor necrosis factor (ligand) family, member 10; chemokine tumor necrosis factor ligand superfamily member 10; tumor necrosis factor apoptosis-inducing ligand splice variant delta
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.

