

Rabbit anti-Human, Rat TNFRSF10C Polyclonal Antibody | anti-TNFRSF10C antibody

TNFRSF10C Antibody

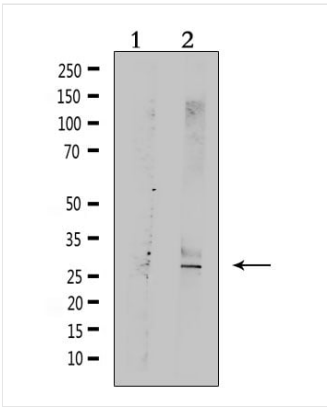
CATALOG # AAA326051	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

TNFRSF10C; Polyclonal Antibody; TNFRSF10C Antibody; Antagonist decoy receptor for TRAIL/Apo 2L; CD263; Cytotoxic TRAIL receptor 3; DCR1; DCR1 TNFR; Decoy Receptor 1; Decoy TRAIL receptor without death domain; LIT; Lymphocyte inhibitor of TRAIL; MGC149501; MGC149502; TNF related apoptosis inducing ligand receptor 3; TNF-related apoptosis inducing ligand receptor 3; TRAIL R3; TRAIL receptor 3; TRAILR3; TRID; Tumor necrosis factor receptor superfamily member 10C; Tumor necrosis factor receptor superfamily; member 10c; decoy without an intracellular domain; anti-TNFRSF10C antibody

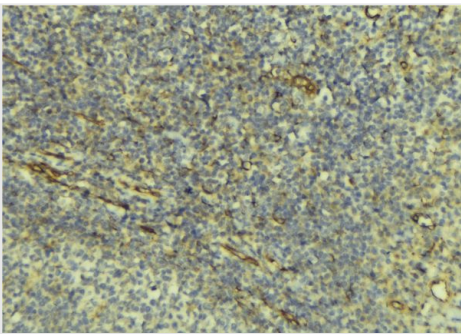
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TNFRSF10C antibody detects endogenous levels of total TNFRSF10C
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	259
Applicable Applications for anti-TNFRSF10C antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TNFRSF10C
Subcellular Location	Cell Membrane and Cytoplasmic
Tissue Specificity	Higher expression in normal tissues than in tumor cell lines. Highly expressed in peripheral blood lymphocytes, spleen, skeletal muscle, placenta, lung and heart.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



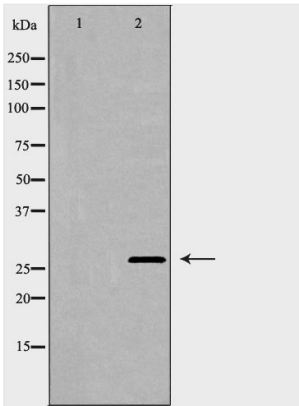
WB (Western Blot)

Western blot analysis of extracts from rat muscle, using TNFRSF10C Antibody. Lane 1 was treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA326051 at 1/100 staining Human lymph tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of human spleen lysate using TNFRSF10C antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-TNFRSF10C antibody

Description: The tumor necrosis factor receptor family, which includes TNF-RI, Fas, DR3, DR4, DR5, and DR6, plays an important role in the regulation of apoptosis in various physiological systems (1, 2). The receptors are activated by a family of cytokines that include TNF, FasL, and TRAIL. They are characterized by a highly conserved extracellular region containing cysteine-rich repeats and a conserved intracellular region of about 80 amino acids termed the death domain (DD). The DD is important for transducing the death signal by recruiting other DD containing adaptor proteins (FADD, TRADD, RIP) to the death-inducing signaling complex (DISC), resulting in activation of caspases. Death receptor signaling is also controlled by a family of decoy receptors (DcR1, DcR2 and DcR3) which lack a cytoplasmic DD and inhibit death receptor-mediated apoptosis by competing for ligand (3-5). Expression of decoy receptors provide a mechanism for certain types of cancer to regulate apoptosis and can contribute to chemosensitivity (6-8).

Function: Receptor for the cytotoxic ligand TRAIL. Lacks a cytoplasmic death domain and hence is not capable of inducing apoptosis. May protect cells against TRAIL mediated apoptosis by competing with TRAIL-R1 and R2 for binding to the ligand.

Post-translational Modifications: N-glycosylated and O-glycosylated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	22547121
NCBI GeneID	8794
NCBI Accession #	NP_003832.2
NCBI GenBank Nucleotide #	NM_003841.4

UniProt Accession #	O14798 ; O14755 ; Q08AS6 ; Q6FH98 ; Q6UXM5
Molecular Weight	Observed: 27 kDa Predicted: 28 kDa
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 10C
NCBI Official Synonym Full Names	TNF receptor superfamily member 10c
NCBI Official Symbol	TNFRSF10C
NCBI Official Synonym Symbols	LIT; DCR1; TRID; CD263; TRAILR3; TRAIL-R3; DCR1-TNFR
NCBI Protein Information	tumor necrosis factor receptor superfamily member 10C
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 10C
UniProt Gene Name	TNFRSF10C
UniProt Synonym Gene Names	DCR1; LIT; TRAILR3; TRID; DcR1; TRAIL receptor 3; TRAIL-R3

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/tnfrsf10c-antibody-immunohistochemistry-western-blot-elisa/326051>