10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TNFRSF10C antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI16175

Product Information

Application	WB
Primary Accession	O14798
Other Accession	NM_003841, NP_003832
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27407

Additional Information

Gene ID	8794
Alias Symbol	CD263, DCR1, LIT, MGC149501, MGC149502, TRAILR3, TRID, TRAIL-R3, DCR1-TNFR
Other Names	Tumor necrosis factor receptor superfamily member 10C, Antagonist decoy receptor for TRAIL/Apo-2L, Decoy TRAIL receptor without death domain, Decoy receptor 1, DcR1, Lymphocyte inhibitor of TRAIL, TNF-related apoptosis-inducing ligand receptor 3, TRAIL receptor 3, TRAIL-R3, TRAIL receptor without an intracellular domain, CD263, TNFRSF10C, DCR1, LIT, TRAILR3, TRID
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-TNFRSF10C antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	TNFRSF10C antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TNFRSF10C
Function	Acts as a receptor for the cytotoxic ligand TRAIL but does not contain the intracellular death domain required to initiate apoptosis. By competing with the functional TRAIL receptors TNFRSF10A and TNFRSF10B for ligand binding, it functions as a decoy receptor that protects cells from TRAIL-induced apoptosis.

Cellular Location	Cell membrane; Lipid-anchor, GPI-anchor
Tissue Location	Higher expression in normal tissues than in tumor cell lines. Highly expressed in peripheral blood lymphocytes, spleen, skeletal muscle, placenta, lung and heart

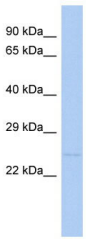
Background

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.

References

MacFarlane M.,et al.J. Biol. Chem. 272:25417-25420(1997).
Degli-Esposti M.A.,et al.J. Exp. Med. 186:1165-1170(1997).
Pan G.,et al.Science 277:815-818(1997).
Sheridan J.P.,et al.Science 277:818-821(1997).
Schneider P.,et al.FEBS Lett. 416:329-334(1997).

Images



WB Suggested Anti-TNFRSF10C Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: Human Stomach

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.