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TNFRSF10D Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13742b

Specification

TNFRSF10D Antibody (C-term) Blocking peptide - Product Information

Primary Accession Q9UBN6

TNFRSF10D Antibody (C-term) Blocking peptide - Additional Information

Gene ID 8793

Other Names
Tumor necrosis factor receptor superfamily member 10D, Decoy receptor 2, DcR2, TNF-related apoptosis-inducing ligand receptor 4, TRAIL receptor 4, TRAIL-R4, TRAIL receptor with a truncated death domain, CD264, TNFRSF10D, DCR2, TRAILR4, TRUNDD

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP13742b was selected from the C-term region of TNFRSF10D. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TNFRSF10D Antibody (C-term) Blocking peptide - Protein Information

Name TNFRSF10D (HGNC:11907)

Function
Receptor for the cytotoxic ligand TRAIL (PubMed:9430226). Contains a truncated death domain and hence is not capable of inducing apoptosis but protects against TRAIL-mediated apoptosis (PubMed:9537512). Reports are contradictory with regards to its ability to induce the NF-kappa-B pathway. According to PubMed:9382840, it cannot but according to PubMed:9430226, it can induce the NF-kappa-B pathway (PubMed:9382840, PubMed:9430226).

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Cellular Location
Membrane; Single-pass type I membrane protein

Tissue Location
Widely expressed, in particular in fetal kidney, lung and liver, and in adult testis and liver. Also expressed in peripheral blood leukocytes, colon and small intestine, ovary, prostate, thymus, spleen, pancreas, kidney, lung, placenta and heart

TNFRSF10D Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

TNFRSF10D Antibody (C-term) Blocking peptide - Images

TNFRSF10D Antibody (C-term) Blocking peptide - Background

The protein encoded by this gene is a member of theTNF-receptor superfamily. This receptor contains an extracellularTRAIL-binding domain, a transmembrane domain, and a truncatedcytoplamic death domain. This receptor does not induce apoptosis,and has been shown to play an inhibitory role in TRAIL-induced cellapoptosis.

TNFRSF10D Antibody (C-term) Blocking peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Davila, S., et al. Genes Immun. 11(3):232-238(2010)Pei, G.T., et al. Biochem. Biophys. Res. Commun. 391(2):1274-1279(2010)Lucas, H., et al. J. Dent. Res. 89(1):29-33(2010)Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)