

**TNFRSF10D Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9526c****Specification**

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**TNFRSF10D Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q9UBN6](#)**TNFRSF10D Antibody (Center) 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, TRUND

**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 (Center) Blocking Peptide - Protein Information****Name** TNFRSF10D ([HGNC:11907](#))**Function**

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

**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 (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **TNFRSF10D Antibody (Center) Blocking Peptide - Images**

### **TNFRSF10D Antibody (Center) Blocking Peptide - Background**

TNFRSF is a member of the TNF-receptor superfamily. This receptor contains an extracellular TRAIL-binding domain, a transmembrane domain, and a truncated cytoplasmic death domain. This receptor does not induce apoptosis, and has been shown to play an inhibitory role in TRAIL-induced cell apoptosis.

### **TNFRSF10D Antibody (Center) Blocking Peptide - References**

Davila, S., et al. Genes Immun. (2010) In press : 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) Hosgood, H.D. III, et al. Occup Environ Med 66(12):848-853(2009) Chen, B., et al. Spine 34 (19), E677-E681 (2009) :