

**TNFRSF10D Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP9526c**

**Specification**

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**TNFRSF10D Antibody (Center) - Product Information**

Application	<b>WB, FC,E</b>
Primary Accession	<a href="#">O9UBN6</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>Rabbit IgG</b>
Antigen Region	<b>252-278</b>

**TNFRSF10D Antibody (Center) - 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

**Target/Specificity**

This TNFRSF10D antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 252-278 amino acids from the Central region of human TNFRSF10D.

**Dilution**

WB~~1:1000

FC~~1:10~50

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

TNFRSF10D Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**TNFRSF10D Antibody (Center) - 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](#)).

#### Cellular Location

Membrane; Single-pass type I membrane protein

#### Tissue Location

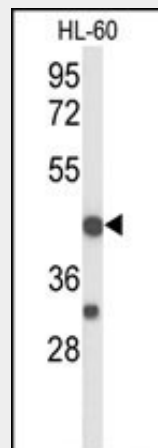
Widely expressed, in particular in fetal kidney, lung and liver, and in adult testis and liver. Also expressed in peripheral blood leukocytes, colon and small intestine, ovary, prostate, thymus, spleen, pancreas, kidney, lung, placenta and heart

### TNFRSF10D Antibody (Center) - Protocols

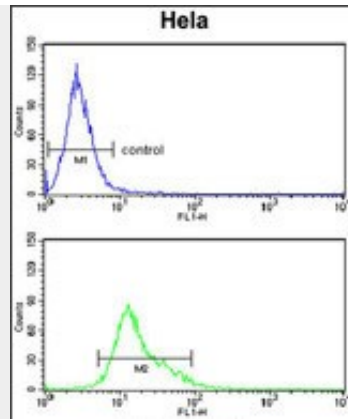
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### TNFRSF10D Antibody (Center) - Images



Western blot analysis of TNFRSF10D Antibody (Center) (Cat. #AP9526c) in HL-60 cell line lysates (35ug/lane). TNFRSF10D (arrow) was detected using the purified Pab.



TNFRSF10D Antibody (Center) (Cat. #AP9526c) flow cytometry analysis of HeLa cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### **TNFRSF10D Antibody (Center) - 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) - 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) :