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TNFRSF10D Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9526c

Specification

TNFRSF10D Antibody (Center) - Product Information

Application	**FC, WB,E**
Primary Accession	Q9UBN6
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**252-278**

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, TRUNDD

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
FC~~1:10~50
WB~~1:1000
E~~Use at an assay dependent concentration.

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

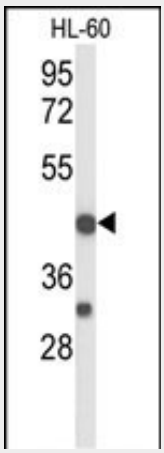
Tissue Location
Widely expressed, in particular in fetal kidney, lung and liver, and in adult testis and liver. Also expressed in peripheral blood leukocytes, colon and small intestine, ovary, prostate, thymus, spleen, pancreas, kidney, lung, placenta and heart

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 Cytomety
- 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.

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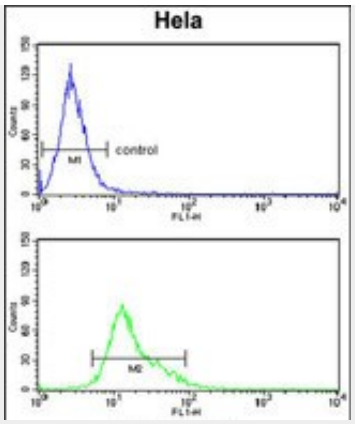

TNFRSF10D Antibody (Center) (Cat. #AP9526c) flow cytometry analysis of Hela cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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 cytoplamic 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) :