

Rabbit anti-Human TNFRSF10B Polyclonal Antibody | anti-TNFRSF10B antibody

TNFRSF10B Antibody

CATALOG # AAA168299	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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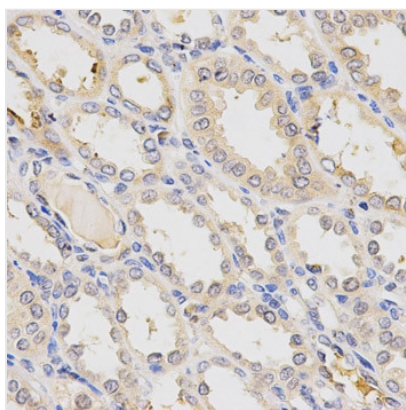
PRODUCT SYNONYMS

TNFRSF10B; Polyclonal Antibody; TNFRSF10B Antibody; CD262; DR5; KILLER; KILLER/DR5; TRAIL-R2; TRAILR2; TRICK2; TRICK2A; TRICK2B; TRICKB; ZTNFR9; anti-TNFRSF10B antibody

PRODUCT SPECIFICATIONS

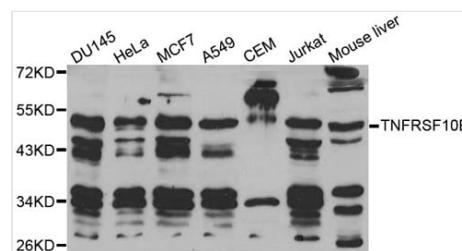
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	440
Applicable Applications for anti-TNFRSF10B antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human TNFRSF10B
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-7192 / sc-7191
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using TNFRSF10B antibody at dilution of 1:200 (x400 lens)



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using TNFRSF10B antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TNFRSF10B antibody	The tumor necrosis factor receptor family, which includes TNF-R1, Fas, DR3, DR4, DR5, and DR6, plays an important role in the regulation of apoptosis in various physiological systems (1, 2). The receptors are activated by a family of cytokines that include TNF, FasL, and TRAIL. They are characterized by a highly conserved extracellular region containing cysteine-rich repeats and a conserved intracellular region of about 80 amino acids termed the death domain (DD). The DD is important for transducing the death signal by recruiting other DD containing adaptor proteins (FADD, TRADD, RIP) to the death-inducing signaling complex (DISC), resulting in activation of caspases. DR5 is a receptor for TNF-related apoptosis inducing ligand (TRAIL), which has been shown to induce apoptosis in variety of cell types and has been targeted for cancer therapy (1-5). Structurally, DR5 contains an amino-terminal leader cleavage site followed by an extracellular region containing two cysteine-rich repeats, then a central transmembrane domain and a carboxy-terminal death domain. DR5 is expressed in a wide variety of tissues and is transcriptional target for p53 (6-8). It induces apoptosis through a FADD-dependent pathway. Deletion of DR5 leads to resistance in TRAIL-mediated apoptosis as well as an abrogated response to DNA-damaging stimuli (9).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	49456751
NCBI GeneID	8795
UniProt Accession #	Q6FH58; O14763
Molecular Weight	47,866 Da
NCBI Official Full Name	TNFRSF10B
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 10b
NCBI Official Symbol	TNFRSF10B
NCBI Official Synonym Symbols	DR5; CD262; KILLER; TRICK2; TRICKB; ZTNFR9; TRAILR2; TRICK2A; TRICK2B; TRAIL-R2; KILLER/DR5
NCBI Protein Information	tumor necrosis factor receptor superfamily member 10B; Fas-like protein; TNF receptor superfamily member 10b; TNF-related apoptosis-inducing ligand receptor 2; apoptosis inducing protein TRICK2A/2B; apoptosis inducing receptor TRAIL-R2; cytotoxic TRAIL receptor-2; death domain containing receptor for TRAIL/Apo-2L; death receptor 5; p53-regulated DNA damage-inducible cell death receptor(killer); tumor necrosis factor receptor-like protein ZTNFR9
UniProt Protein Name	TNFRSF10B protein
UniProt Gene Name	TNFRSF10B
UniProt Entry Name	Q6FH58_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tnfrsf10b-antibody-immunohistochemistry-western-blot-elisa/168299>