

Rabbit anti-Human TNFSF10 Polyclonal Antibody | anti-TNFSF10 antibody

TNFSF10 Polyclonal Antibody

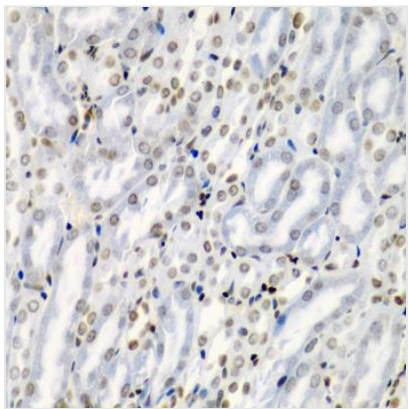
CATALOG # AAA37181	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

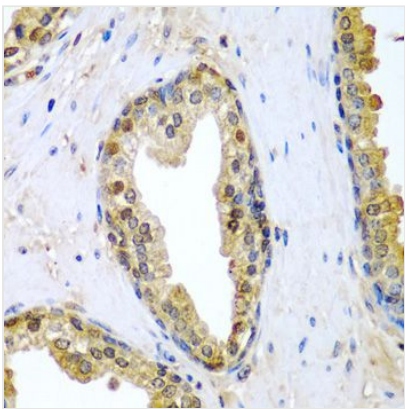
TNFSF10; Polyclonal Antibody; TNFSF10 Polyclonal Antibody; APO2L; Apo-2L; CD253; TL2; TRAIL; anti-TNFSF10 antibody

PRODUCT SPECIFICATIONS

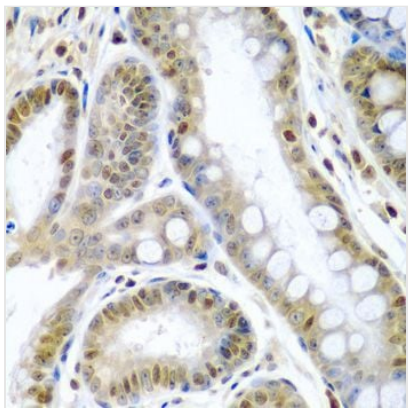
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	1mg/ml (varies by lot)
Sequence Length	281
Applicable Applications for anti-TNFSF10 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	A synthetic peptide of human TNFSF10
Calculated Molecular Weight	33kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.



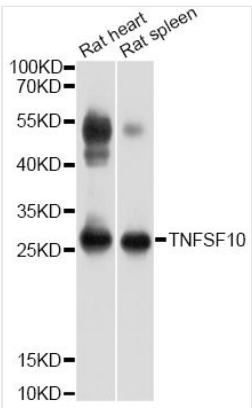
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse kidney using TNFSF10 antibody at dilution of 1:200 (40x lens).



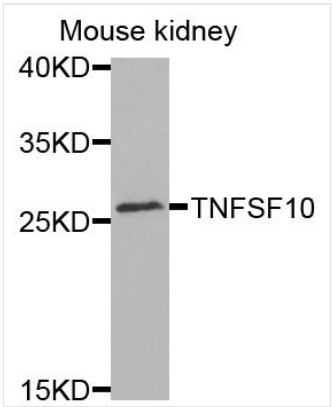
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human prostate using TNFSF10 antibody at dilution of 1:200 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon carcinoma using TNFSF10 antibody at dilution of 1:200 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using TNFSF10 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



WB (Western Blot)
Western blot analysis of extracts of mouse kidney, using TNFSF10 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-TNFSF10 antibody	Tumor necrosis factor (TNF)-related apoptosis-inducing ligand (TRAIL), also referred to as Apo2 ligand, first identified based on its sequence homology to TNF and Fas/Apo ligand is a member of the TNF family of cytokines and either exists as a type II membrane or soluble protein (1,2). TRAIL induces apoptosis in a variety of transformed cell lines and plays a role in anti-tumor and anti-viral immune surveillance (3). TRAIL signals via binding with death receptors DR4 (TRAIL-R1) (4) and DR5 (TRAIL-R2) (5-8) which can trigger apoptosis as well as NF-kappaB activation (7,9). Death domains on these receptors leads to the recruitment of a death-induced signaling complex (DISC) leading to caspase-8 and subsequent caspase-3 activation. In addition, TRAIL binds with decoy receptors DcR1 (TRAIL-R3) (10-13) and DcR2 (TRAIL-R4, TRUNDD) (14-15) which lack the functional cytoplasmic death domain antagonizing TRAIL-induced apoptosis. Osteoprotegerin (OPG) has also been identified as receptor capable of inhibiting TRAIL-induced apoptosis (16). The selectivity of soluble TRAIL at triggering apoptosis in transformed cells as compared to normal cells has led to its investigation as a potential cancer therapeutic (17-18).
Product Categories/Family for anti-TNFSF10 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	1730015
NCBI GeneID	8743
UniProt Accession #	P50591; A1Y9B3
Molecular Weight	281
NCBI Official Full Name	Tumor necrosis factor ligand superfamily member 10
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 10
NCBI Official Symbol	TNFSF10
NCBI Official Synonym Symbols	TL2; APO2L; CD253; TRAIL; Apo-2L
NCBI Protein Information	tumor necrosis factor ligand superfamily member 10; Apo-2 ligand; TNF-related apoptosis inducing ligand TRAIL; tumor necrosis factor (ligand) family, member 10; chemokine tumor necrosis factor ligand superfamily member 10; tumor necrosis factor apoptosis-inducing ligand splice variant delta
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 10
UniProt Gene Name	TNFSF10
UniProt Synonym Gene Names	APO2L; TRAIL; Apo-2L; Protein TRAIL
UniProt Entry Name	TNF10_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.