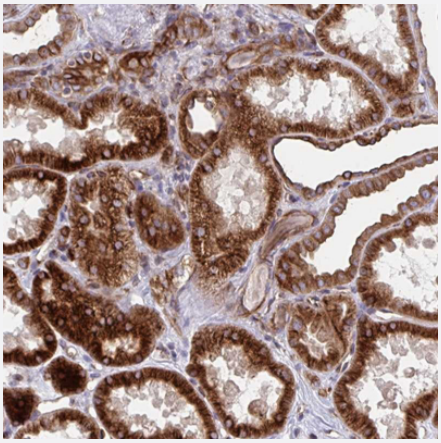
TNFSF10 polyclonal antibody

Catalog # PAB30288 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with TNFSF10 polyclonal antibody (Cat # PAB30288) shows strong cytoplasmic positivity in cells in tubule.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human TNFSF10.
Immunogen	Recombinant protein corresponding to amino acids 238-273 of human TNFSF10.
Sequence	GLYSIYQGGIFELKENDRIFVSVTNEHLIDMDHEAS
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200 - 1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — TNFSF10

Entrez GeneID	8743
Protein Accession#	P50591
Gene Name	TNFSF10
Gene Alias	APO2L, Apo-2L, CD253, TL2, TRAIL
Gene Description	tumor necrosis factor (ligand) superfamily, member 10
Omim ID	603598
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) lig and family. This protein preferentially induces apoptosis in transformed and tumor cells, but does not appear to kill normal cells although it is expressed at a significant level in most normal tissues. This protein binds to several members of TNF receptor superfamily including TNFRSF10A/TRAIL R1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4, and possibly also to TNFRSF11B/OPG. The activity of this protein may be modulated by binding to the decoy receptor s TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4, and TNFRSF11B/OPG that cannot induce apo ptosis. The binding of this protein to its receptors has been shown to trigger the activation of MAP K8/JNK, caspase 8, and caspase 3. [provided by RefSeq
Other Designations	Apo-2 ligand|TNF-related apoptosis inducing ligand TRAIL|tumor necrosis factor (ligand) family, member 10|tumor necrosis factor apoptosis-inducing ligand splice variant delta

Pathway

- Apoptosis

- Cytokine-cytokine receptor interaction
- Natural killer cell mediated cytotoxicity

Disease

- Breast Neoplasms
- Carcinoma
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Hematologic Diseases
- Hodgkin Disease
- Kidney Failure
- Lupus Erythematosus
- Lymphoproliferative Disorders
- Multiple Myeloma
- Multiple Sclerosis
- Neoplasm Recurrence
- Neoplasms
- Occupational Diseases
- Ovarian Neoplasms
- Waldenstrom Macroglobulinemia
- Werner syndrome