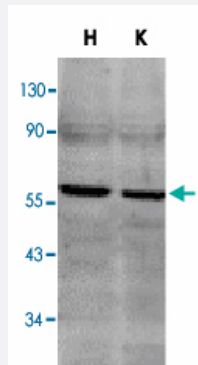


TNFRSF10B polyclonal antibody

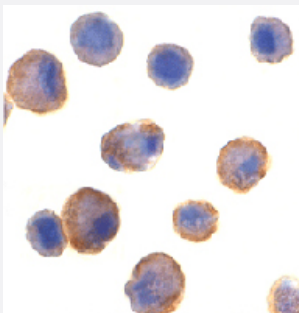
Catalog # PAB12830 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of TNFRSF10B in HeLa (H) and K-562 (K) cell lysates with TNFRSF10B polyclonal antibody (Cat # PAB12830) at 2 ug/mL .



Immunocytochemistry

Immunocytochemistry of TNFRSF10B in HeLa cells with TNFRSF10B polyclonal antibody (Cat # PAB12830) at 5 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TNFRSF10B.
Immunogen	A synthetic peptide corresponding to C-terminus of human TNFRSF10B.
Host	Rabbit
Reactivity	Human, Mouse
Specificity	This antibody has no cross reaction to DR4.
Form	Liquid

Recommend Usage	Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for up to one year. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of TNFRSF10B in HeLa (H) and K-562 (K) cell lysates with TNFRSF10B polyclonal antibody (Cat # PAB12830) at 2 ug/mL .

- Immunocytochemistry

Immunocytochemistry of TNFRSF10B in HeLa cells with TNFRSF10B polyclonal antibody (Cat # PAB12830) at 5 ug/mL .

Gene Info — TNFRSF10B

Entrez GeneID	8795
Protein Accession#	AF012535
Gene Name	TNFRSF10B
Gene Alias	CD262, DR5, KILLER, KILLER/DR5, TRAIL-R2, TRAILR2, TRICK2, TRICK2A, TRICK2B, TRICK B, ZTNFR9
Gene Description	tumor necrosis factor receptor superfamily, member 10b
Omim ID	275355 603612
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the TNF-receptor superfamily, and contains an intracellular death domain. This receptor can be activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL/APO-2L), and transduces an apoptosis signal. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein. Two transcript variants encoding different isoforms and one non-coding transcript have been found for this gene. [provided by RefSeq]

Other Designations

Fas-like protein|OTTHUMP00000123492|TNF-related apoptosis-inducing ligand receptor 2|TRAIL receptor 2|apoptosis inducing protein TRICK2A/2B|apoptosis inducing receptor TRAIL-R2|cytotoxic TRAIL receptor-2|death domain containing receptor for TRAIL/Apo-2L|d

Publication Reference

- [Identification and molecular cloning of two novel receptors for the cytotoxic ligand TRAIL.](#)

MacFarlane M, Ahmad M, Srinivasula SM, Fernandes-Alnemri T, Cohen GM, Alnemri ES.

The Journal of Biological Chemistry 1997 Oct; 272(41):25417.

- [Control of TRAIL-induced apoptosis by a family of signaling and decoy receptors.](#)

Sheridan JP, Marsters SA, Pitti RM, Gurney A, Skubatch M, Baldwin D, Ramakrishnan L, Gray CL, Baker K, Wood WI, Goddard AD, Godowski P, Ashkenazi A.

Science 1997 Aug; 277(5327):818.

Application: WB-Tr, Human, HEK 293 cells

- [An antagonist decoy receptor and a death domain-containing receptor for TRAIL.](#)

Pan G, Ni J, Wei YF, Yu G, Gentz R, Dixit VM.

Science 1997 Aug; 277(5327):815.

Pathway

- [Apoptosis](#)
- [Cytokine-cytokine receptor interaction](#)
- [Natural killer cell mediated cytotoxicity](#)
- [p53 signaling pathway](#)

Disease

- [Asthma](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Myeloma](#)
- [Neoplasm Metastasis](#)
- [Neoplasms](#)
- [Occupational Diseases](#)
- [Prostatic Neoplasms](#)
- [Recurrence](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)