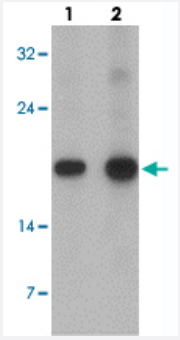
TNFSF4 polyclonal antibody

Catalog # PAB27391 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of TNFSF4 in rat spleen tissue with TNFSF4 polyclonal antibody (Cat # PAB27391) at (lane 1) 0.5 and (lane 2) 1 ug/mL.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TNFSF4.
Immunogen	A synthetic peptide corresponding to 14 amino acids at C-terminus of human TNFSF4.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	At least two isoforms of TNFSF4 are known to exist; this antibody will detect both isoforms.
Form	Liquid
Purification	Peptide affinity purification
Concentration	1 mg/mL
Isotype	IgG
Recommend Usage	Western Blot (0.5-1 ug/mL) Immunohistochemistry (5 ug/mL) Immunofluorescence (20 ug/mL) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°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.

Applications

- Immunohistochemistry
- Immunofluorescence
- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Tissue lysate)

  Western blot analysis of TNFSF4 in rat spleen tissue with TNFSF4 polyclonal antibody (Cat # PAB27391) at (lane 1) 0.5 and (lane 2) 1 ug/mL.

Gene Info — TNFSF4

Entrez GeneID	7292
Protein Accession#	NP_003317
Gene Name	TNFSF4
Gene Alias	CD134L, CD252, GP34, OX-40L, OX4OL, TXGP1
Gene Description	tumor necrosis factor (ligand) superfamily, member 4
Omim ID	603594 608446
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 cytokine is a ligand for receptor TNFRSF4/OX4. It is found to be involved in T cell antigen-presenting cell (APC) interactions. In surface Ig- and CD40-stimulated B cells, this cytokin e along with CD70 has been shown to provide CD28-independent costimulatory signals to T cells . This protein and its receptor are reported to directly mediate adhesion of activated T cells to vas cular endothelial cells. [provided by RefSeq
Other Designations	CD134 ligand|OTTHUMP00000032704|OX40 antigen ligand|OX40 ligand|glycoprotein 34 kd|tax-transcriptionally activated glycoprotein 1 (34kD)

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Pathway

- Cytokine-cytokine receptor interaction

Disease

- Arteriosclerosis
- Atherosclerosis
- Brain Ischemia
- Cardiovascular Diseases
- Carotid Artery Diseases
- Cerebral Infarction
- Coronary Disease
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Hematologic Diseases
- Hepatitis C
- Hodgkin Disease
- Hypercholesterolemia
- Hypertension
- Intracranial Thrombosis
- Kidney Failure
- Lupus Erythematosus
- Lymphoproliferative Disorders
- Multiple Myeloma
- Myocardial Infarction

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- Narcolepsy
- Occupational Diseases
- Scleroderma
- Stroke
- Thrombosis
- Waldenstrom Macroglobulinemia
- Werner syndrome

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