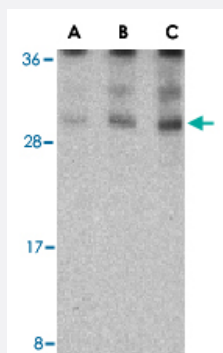


TNFSF15 polyclonal antibody

Catalog # PAB13196 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of TNFSF15 in mouse lung tissue lysates with TNFSF15 polyclonal antibody (Cat # PAB13196) at (A) 0.5, (B) 1, and (C) 2 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant TNFSF15.
Immunogen	Recombinant protein corresponding to human TNFSF15.
Host	Rabbit
Reactivity	Human, Mouse
Specificity	TL1A will not cross-react with TL1.
Form	Liquid
Recommend Usage	Western Blot (0.5-1 ug/mL) 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 three months. 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 should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of TNFSF15 in mouse lung tissue lysates with TNFSF15 polyclonal antibody (Cat # PAB13196) at (A) 0.5, (B) 1, and (C) 2 ug/mL .

Gene Info — TNFSF15

Entrez GeneID [9966](#)

Protein Accession# [AAM77366](#)

Gene Name TNFSF15

Gene Alias MGC129934, MGC129935, TL1, TL1A, VEGI, VEGI192A

Gene Description tumor necrosis factor (ligand) superfamily, member 15

Omim ID [604052](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein is abundantly expressed in endothelial cells, but is not expressed in either B or T cells. The expression of this protein is inducible by TNF and IL-1 alpha. This cytokine is a ligand for receptor TNFRSF25 and decoy receptor TNFRSF21/DR6. It can activate NF-kappaB and MAP kinases, and acts as an autocrine factor to induce apoptosis in endothelial cells. This cytokine is also found to inhibit endothelial cell proliferation, and thus may function as an angiogenesis inhibitor. An additional isoform encoded by an alternatively spliced transcript variant has been reported but the sequence of this transcript has not been determined. [provided by RefSeq]

Other Designations OTTHUMP00000022739|TNF ligand-related molecule 1|TNF superfamily ligand TL1A|vascular endothelial cell growth inhibitor|vascular endothelial growth inhibitor-192A

Publication Reference

- [TRAMP, a novel apoptosis-mediating receptor with sequence homology to tumor necrosis factor receptor 1 and Fas\(Apo-1/CD95\).](#)

Bodmer JL, Burns K, Schneider P, Hofmann K, Steiner V, Thome M, Bornand T, Hahne M, Schroter M, Becker K, Wilson A, French LE, Browning JL, MacDonald HR, Tschopp J.

Immunity 1997 Jan; 6(1):79.

- [A death-domain-containing receptor that mediates apoptosis.](#)

Kitson J, Raven T, Jiang YP, Goeddel DV, Giles KM, Pun KT, Grinham CJ, Brown R, Farrow SN.

Nature 1996 Nov; 384(6607):372.

- [Signal transduction by DR3, a death domain-containing receptor related to TNFR-1 and CD95.](#)

Chinnaiyan AM, O'Rourke K, Yu GL, Lyons RH, Garg M, Duan DR, Xing L, Gentz R, Ni J, Dixit VM.

Science 1996 Nov; 274(5289):990.

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Colitis](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Inflammatory Bowel Diseases](#)
- [Leprosy](#)
- [Rectal Fistula](#)