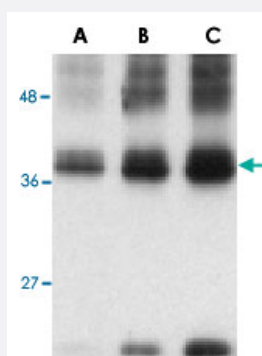


TNFSF12 polyclonal antibody

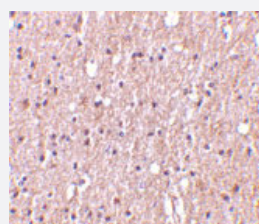
Catalog # PAB12960 Size 100 ug

Applications



Western Blot (Recombinant protein)

Western blot analysis of (A) 5 ng, (B) 25 ng and (C) 50 ng of recombinant TNFSF12 with TNFSF12 polyclonal antibody (Cat # PAB12960) at 1 ug/mL .



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

Immunohistochemistry of TNFSF12 in human brain tissue with TNFSF12 polyclonal antibody (Cat # PAB12960) at 10 ug/mL .

Specification

Product Description	Rabbit Polyclonal antibody raised against recombinant TNFSF12.
Immunogen	Recombinant protein corresponding to human TNFSF12.
Host	Rabbit
Reactivity	Human, Mouse, Rat
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 (Recombinant protein)

Western blot analysis of (A) 5 ng, (B) 25 ng and (C) 50 ng of recombinant TNFSF12 with TNFSF12 polyclonal antibody (Cat # PAB12960) at 1 ug/mL .

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

Immunohistochemistry of TNFSF12 in human brain tissue with TNFSF12 polyclonal antibody (Cat # PAB12960) at 10 ug/mL .

Gene Info — TNFSF12

Entrez GeneID	8742
Protein Accession#	NP_003800
Gene Name	TNFSF12
Gene Alias	APO3L, DR3LG, MGC129581, MGC20669, TWEAK
Gene Description	tumor necrosis factor (ligand) superfamily, member 12
Omim ID	602695
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 a ligand for the FN14/TWEAKR receptor. This cytokine has overlapping signaling functions with TNF, but displays a much wider tissue distribution. This cytokine can induce apoptosis via multiple pathways of cell death in a cell type-specific manner. This cytokine is also found to promote proliferation and migration of endothelial cells, and thus acts as a regulator of angiogenesis. Some transcripts that skip the last exon of this gene and continue with the second exon of the neighboring TNFSF13 gene have been identified; such read-through transcripts are contained in GeneID 407977, TNFSF12-TNFSF13. [provided by RefSeq]
Other Designations	APO3/DR3 ligand TNF-related WEAK inducer of apoptosis

Publication Reference

- [The apoptotic ligands TRAIL, TWEAK, and Fas ligand mediate monocyte death induced by autologous lupus T cells.](#)

Kaplan MJ, Lewis EE, Shelden EA, Somers E, Pavlic R, McCune WJ, Richardson BC.

The Journal of Immunology 2002 Nov; 169(10):6020.

Application: Flow Cyt, Human, PBMCs, T cells

- [TWEAK induces angiogenesis and proliferation of endothelial cells.](#)

Lynch CN, Wang YC, Lund JK, Chen YW, Leal JA, Wiley SR.

The Journal of Biological Chemistry 1999 Mar; 274(13):8455.

- [TWEAK, a new secreted ligand in the tumor necrosis factor family that weakly induces apoptosis.](#)

Chicheportiche Y, Bourdon PR, Xu H, Hsu YM, Scott H, Hession C, Garcia I, Browning JL.

The Journal of Biological Chemistry 1997 Dec; 272(51):32401.

Application: Flow Cyt, IP, Recombinant protein

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Lupus Erythematosus](#)
- [Occupational Diseases](#)