

TNFSF4 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP12286c

Specification

TNFSF4 Antibody (Center) - Product Information

WB,E **Application Primary Accession** P23510 Other Accession NP 003317.1 Reactivity Human Host **Rabbit** Clonality **Polyclonal** Isotype Rabbit IgG Calculated MW 21050 Antigen Region 102-131

TNFSF4 Antibody (Center) - Additional Information

Gene ID 7292

Other Names

Tumor necrosis factor ligand superfamily member 4, Glycoprotein Gp34, OX40 ligand, OX40L, TAX transcriptionally-activated glycoprotein 1, CD252, TNFSF4, TXGP1

Target/Specificity

This TNFSF4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 102-131 amino acids from the Central region of human TNFSF4.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TNFSF4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

TNFSF4 Antibody (Center) - Protein Information

Name TNFSF4

Synonyms TXGP1



Function Cytokine that binds to TNFRSF4. Co-stimulates T-cell proliferation and cytokine production.

Cellular Location

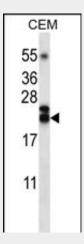
Membrane; Single-pass type II membrane protein.

TNFSF4 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

TNFSF4 Antibody (Center) - Images



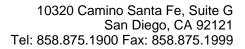
TNFSF4 Antibody (Center) (Cat. #AP12286c) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the TNFSF4 antibody detected the TNFSF4 protein (arrow).

TNFSF4 Antibody (Center) - Background

The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand 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 cytokine 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 vascular endothelial cells.

TNFSF4 Antibody (Center) - References

Karulf, M., et al. J. Immunol. 185(8):4856-4862(2010) Shimada, M., et al. Hum. Genet. 128(4):433-441(2010)





Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Mosbruger, T.L., et al. J. Infect. Dis. 201(9):1371-1380(2010)

Davila, S., et al. Genes Immun. 11(3):232-238(2010)