

TNFSF4 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP12286c

Product Information

Application WB, E **Primary Accession** P23510 Other Accession NP 003317.1 Reactivity Human Host Rabbit Clonality Polyclonal Isotype Rabbit IgG **Clone Names** RB31037 **Calculated MW** 21050 102-131 **Antigen Region**

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~~1:2000 E~~Use at an assay dependent concentration.

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.

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.

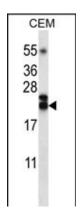
Background

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.

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)

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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.