

# TNFSF4 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP11076C

## Product Information

---

<b>Application</b>	WB, FC, E
<b>Primary Accession</b>	<a href="#">P23510</a>
<b>Other Accession</b>	<a href="#">NP_003317.1</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB30006
<b>Calculated MW</b>	21050
<b>Antigen Region</b>	97-125

## Additional Information

---

<b>Gene ID</b>	7292
<b>Other Names</b>	Tumor necrosis factor ligand superfamily member 4, Glycoprotein Gp34, OX40 ligand, OX40L, TAX transcriptionally-activated glycoprotein 1, CD252, TNFSF4, TXGP1
<b>Target/Specificity</b>	This TNFSF4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 97-125 amino acids from the Central region of human TNFSF4.
<b>Dilution</b>	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
<b>Storage</b>	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.
<b>Precautions</b>	TNFSF4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

---

<b>Name</b>	TNFSF4
<b>Synonyms</b>	TXGP1

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

**Cellular Location** Membrane; Single-pass type II membrane protein.

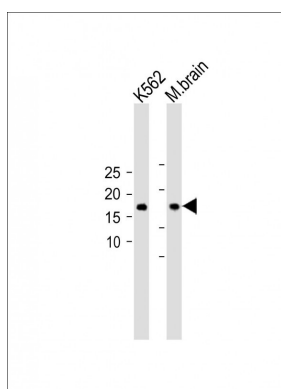
## Background

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



All lanes: Anti-TNFSF4 Antibody (Center) at 1:1000 dilution  
Lane 1: Mouse brain lysate Lane 2: K562 whole cell lysate  
Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 21 KDa  
Blocking/Dilution buffer: 5% NFDm/TBST.

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