

Product datasheet for **TA341640**

TWEAK (TNFSF12) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TNFSF12 antibody: synthetic peptide directed towards the N terminal of human TNFSF12. Synthetic peptide located within the following region: LGLLLAVVSLGSRASLSAQEPAQEELVAEEDQDPSELNPQTEESQDPAPF
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	17 kDa
Gene Name:	tumor necrosis factor superfamily member 12
Database Link:	NP_003800 Entrez Gene 8742 Human O43508



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Background: 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 TNF14/TWEAKR receptor. This cytokine has overlapping signaling functions with TNF, but displays a much wider tissue distribution. This cytokine, which exists in both membrane-bound and secreted forms, 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. Alternative splicing results in multiple transcript variants. Some transcripts skip the last exon of this gene and continue into the second exon of the neighboring TNFSF13 gene; such read-through transcripts are contained in GeneID 407977, TNFSF12-TNFSF13. [provided by RefSeq, Oct 2010]

Synonyms: APO3L; DR3LG; TWEAK

Note: Immunogen Sequence Homology: Human: 100%; Horse: 93%; Rat: 86%; Mouse: 83%; Rabbit: 83%; Zebrafish: 82%; Dog: 79%

Protein Families: Druggable Genome, Secreted Protein, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction

Product images:



WB Suggested Anti-TNFSF12 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive
Control: 721_B cell lysate