

## Product datasheet for **TA326923**

### **TNFRSF1B Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB 1:500 - 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human TNFRSF1B
Formulation:	Store at -20C or -80C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	48 kDa
Gene Name:	tumor necrosis factor receptor superfamily member 1B
Database Link:	<a href="#">NP_001057</a> <a href="#">Entrez Gene 21938 MouseEntrez Gene 156767 RatEntrez Gene 7133 Human P20333</a>



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**Background:**

TNF- $\alpha$  is an important cytokine produced by numerous cell types including neutrophils, activated lymphocytes, macrophages and NK cells. It plays a critical role in inflammatory responses and in apoptosis. TNF- $\alpha$  exists as a membrane-anchored and soluble form, both of which show biological activity. Response to TNF- $\alpha$  is mediated through two receptors, TNF-R1, which is widely expressed, and TNF-R2, which is expressed mainly in immune and endothelial cells. Antagonists to TNF- $\alpha$  have been validated as therapeutic targets for rheumatoid arthritis and other immune disorders. The two receptors for TNF- $\alpha$ , TNF-R1 (55 kDa) and TNF-R2 (75 kDa) can mediate distinct cellular responses. In most cases cytotoxicity elicited by TNF has been reported to act through TNF-R1. In contrast, TNF-R2 appears to be important in T cell signaling and responses to infection. TNF-R2 binds to distinct members of the TRAF family leading to the activation of NF- $\kappa$ B. Soluble forms of both receptors have also been characterized which can bind TNF- $\alpha$  and may play an important role in immune disorders.

**Synonyms:**

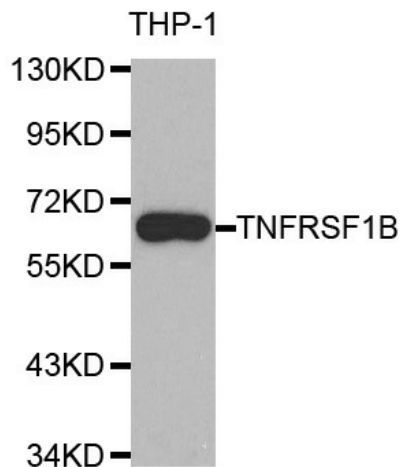
CD120b; p75; p75TNFR; TBPII; TNF-R-II; TNF-R75; TNFBR; TNFR1B; TNFR2; TNFR80

**Protein Families:**

Druggable Genome, Secreted Protein, Transmembrane

**Protein Pathways:**

Adipocytokine signaling pathway, Amyotrophic lateral sclerosis (ALS), Cytokine-cytokine receptor interaction

**Product images:**

Western blot analysis of extracts of THP-1 cell line, using TNFRSF1B antibody.