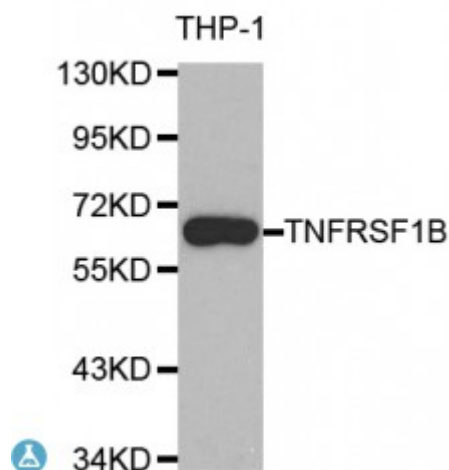


Anti-TNFRSF1B Antibody



Description

The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein and TNF-receptor 1 form a heterocomplex that mediates the recruitment of two anti-apoptotic proteins, c-IAP1 and c-IAP2, which possess E3 ubiquitin ligase activity. The function of IAPs in TNF-receptor signalling is unknown, however, c-IAP1 is thought to potentiate TNF-induced apoptosis by the ubiquitination and degradation of TNF-receptor-associated factor 2, which mediates anti-apoptotic signals. Knockout studies in mice also suggest a role of this protein in protecting neurons from apoptosis by stimulating antioxidative pathways.

Model	STJ114881
Host	Rabbit
Reactivity	Human
Applications	IF, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 30-250 of human TNFRSF1B (NP_001057.1).
Gene ID	7133
Gene Symbol	TNFRSF1B
Dilution range	WB 1:500 - 1:2000 IF 1:50 - 1:200
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Tumor necrosis factor receptor superfamily member 1B Tumor necrosis factor receptor 2 TNF-R2 Tumor necrosis factor receptor type II TNF-RII TNFR-II

	p75 p80 TNF-alpha receptor CD antigen CD120b Etanercept
Molecular Weight	48.291 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:11917OMIM:191191Reactome:R-HSA-5668541
Alternative Names	Tumor necrosis factor receptor superfamily member 1B Tumor necrosis factor receptor 2 TNF-R2 Tumor necrosis factor receptor type II TNF-RII TNFR-II p75 p80 TNF-alpha receptor CD antigen CD120b Etanercept
Function	Receptor with high affinity for TNFSF2/TNF-alpha and approximately 5-fold lower affinity for homotrimeric TNFSF1/lymphotoxin-alpha, The TRAF1/TRAF2 complex recruits the apoptotic suppressors BIRC2 and BIRC3 to TNFSF1B/TNFR2, This receptor mediates most of the metabolic effects of TNF-alpha, Isoform 2 blocks TNF-alpha-induced apoptosis, which suggests that it regulates TNF-alpha function by antagonizing its biological activity,
Cellular Localization	Cell membrane
Post-translational Modifications	Phosphorylated

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com