

Rabbit anti-Human TNFRSF1B Polyclonal Antibody | anti-TNFRSF1B antibody

TNFRSF1B Antibody

CATALOG # AAA167715	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	----------------------------	---

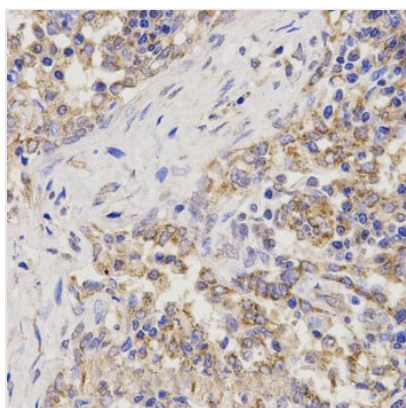
PRODUCT SYNONYMS

TNFRSF1B; Polyclonal Antibody; TNFRSF1B Antibody; CD120b; TBPII; TNF-R-II; TNF-R75; TNFBR; TNFR1B; TNFR2; TNFR80; p75; p75TNFR; anti-TNFRSF1B antibody

PRODUCT SPECIFICATIONS

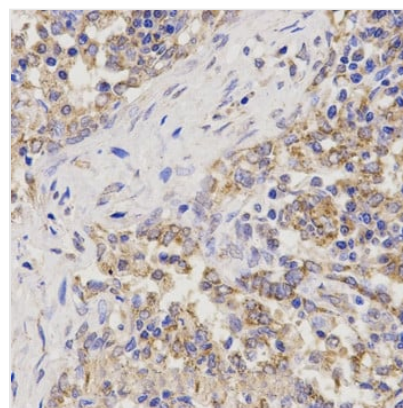
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	461
Applicable Applications for anti-TNFRSF1B antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human TNFRSF1B
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-1074 / sc-1072 / sc-7862
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



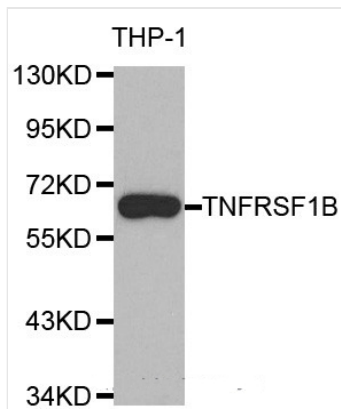
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human lung cancer using TNFRSF1B antibody at dilution of 1:200 (x400 lens)



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded rat kidney using TNFRSF1B antibody at dilution of 1:200 (x400 lens)



WB (Western Blot)
Western blot analysis of extracts of THP-1 cell line, using TNFRSF1B antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TNFRSF1B antibody	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 (1). 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 (2). Antagonists to TNF-alpha have been validated as therapeutic targets for rheumatoid arthritis and other immune disorders (3). The two receptors for TNF-alpha, TNF-R1 (55 kDa) and TNF-R2 (75 kDa) can mediate distinct cellular responses (4, 5). In most cases cytotoxicity elicited by TNF has been reported to act through TNF-R1 (6, 7). In contrast, TNF-R2 appears to be important in T cell signaling and responses to infection (7, 8). TNF-R2 binds to distinct members of the TRAF family leading to the activation of NF-kappaB (9, 10). Soluble forms of both receptors have also been characterized which can bind TNF-alpha and may play an important role in immune disorders (11, 12).
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507577
NCBI GeneID	7133
NCBI Accession #	NP_001057.1
NCBI GenBank Nucleotide #	NM_001066.2
Molecular Weight	28,461 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 1B
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 1B
NCBI Official Symbol	TNFRSF1B
NCBI Official Synonym Symbols	p75; TBPII; TNFBR; TNFR2; CD120b; TNFR1B; TNFR80; TNF-R75; p75TNFR; TNF-R-II
NCBI Protein Information	tumor necrosis factor receptor superfamily member 1B; TNF-R2; TNF-RII; p75 TNF receptor; p80 TNF-alpha receptor; soluble TNFR1B variant 1; tumor necrosis factor beta receptor; tumor necrosis factor binding protein 2; tumor necrosis factor receptor 2; tumor necrosis factor receptor type II
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 1B
UniProt Gene Name	TNFRSF1B
UniProt Synonym Gene Names	TNFBR; TNFR2; TNF-R2; TNF-RII; TNFR-II
UniProt Entry Name	TNR1B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

