

Rabbit anti-Mouse TNFR2/TNFRSF1B Polyclonal Antibody | anti-TNFRSF1B antibody

Anti-TNFR2/TNFRSF1B Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257092	Rabbit	Mouse	Immunoprecipitation, ELISA, Western Blot

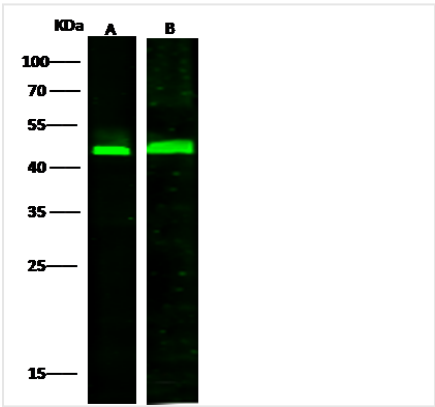
PRODUCT SYNONYMS

TNFR2/TNFRSF1B; Polyclonal Antibody; Anti-TNFR2/TNFRSF1B Antibody; Rabbit Polyclonal; TNFR2/CD120b/TNFRSF1B Antibody; Rabbit PAb; Antigen Affinity Purified; tumor necrosis factor receptor superfamily; member 1b; Anti-CD120b Antibody; Anti-p75 Antibody; Anti-TNF-alphaR2 Antibody; Anti-TNF-R-II Antibody; Anti-TNF-R2 Antibody; Anti-TNF-R75 Antibody; Anti-TNFalpha-R2 Antibody; Anti-TNFBF Antibody; Anti-Tnfr-1 Antibody; Anti-Tnfr2 Antibody; Anti-TNFR80 Antibody; Anti-TNFRII Antibody; anti-TNFRSF1B antibody

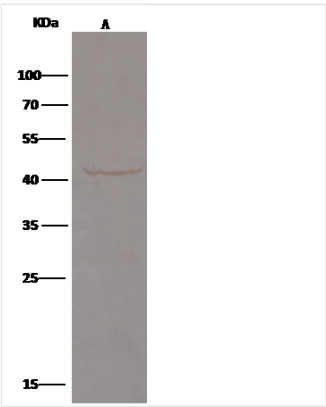
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse TNFR2/CD120b/TNFRSF1B
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-TNFRSF1B antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Mouse TNFR2/CD120b/TNFRSF1B protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse TNFR2/CD120b/TNFRSF1B (rM TNFR2/CD120b/TNFRSF1B). TNFR2/CD120b/TNFRSF1B specific IgG was purified by Mouse TNFR2/CD120b/TNFRSF1B affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)
Anti-TNFRSF1B rabbit polyclonal antibody at 1:500 dilution Lane A: MCF7 Whole Cell Lysate Lane B: Jurkat Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 48 kDa Observed band size: 45 kDa



IP (Immunoprecipitation)
Mouse TNFRSF1B was immunoprecipitated using: Lane A: 0.5 mg MCF-7 Whole Cell Lysate 2 uL anti-Mouse TNFRSF1B rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose. Primary antibody: Anti-Mouse TNFRSF1B rabbit polyclonal antibody, at 1:200 dilution. Secondary antibody: Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution. Developed using the DAB staining technique. Performed under reducing conditions. Predicted band size: 48 kDa Observed band size: 45 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-TNFRSF1B antibody	Tumor necrosis factor receptor superfamily, member 1B (TNFRSF1B), also known as Tumor necrosis factor receptor 2 (TNFR2) or CD120b antigen, is a member of the tumor necrosis factor receptor superfamily. TNFR2/CD120b/TNFRSF1B 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. Knockout studies in mice also suggest a role of this protein in protecting neurons from apoptosis by stimulating antioxidative pathways. TNFR2/CD120b/TNFRSF1B is not a major contributing factor to the genetic risk of type 2 diabetes, its associated peripheral neuropathy and hypertension and related metabolic traits in North Indians. Tumor necrosis factor receptor superfamily, member 1B (TNFRSF1B) has been reported to be associated with SLE risk in Japanese populations. TNFR2/CD120b/TNFRSF1B serves as a receptor with high affinity for TNFSF2 and approximately 5-fold lower affinity for homotrimeric TNFSF1. 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.
Product Categories/Family for anti-TNFRSF1B antibody	Neuroinflammation
References	Komata T, et al. (1999) Association of tumor necrosis factor receptor 2 (TNFR2) polymorphism with susceptibility to systemic lupus erythematosus. Tissue Antigens. 53(6): 527-33. Tsuchiya N, et al. (2001) Analysis of the association of HLA-DRB1, TNFalpha promoter and TNFR2 (TNFRSF1B) polymorphisms with SLE using transmission disequilibrium test. Genes Immun. 2(6): 317-22. Guo G, et al. (1999) Role of TNFR1 and TNFR2 receptors in tubulointerstitial fibrosis of obstructive nephropathy. Am J Physiol. 277(5): 766-72.

NCBI AND UNIPROT INFORMATION

NCBI GI #	70778792
NCBI GeneID	21938
NCBI Accession #	NP_035740.2
NCBI GenBank Nucleotide #	NM_011610.3
UniProt Accession #	P25119; O88734; P97893
Molecular Weight	50,320 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; TNFBR; Tnfr2; CD120b; TNF-R2; TNFR80; TNFRII; Tnfr-1; TNF-R75; TNF-R-II; TNF-alphaR2; TNFalpha-R2
NCBI Protein Information	tumor necrosis factor receptor superfamily member 1B; TNF receptor beta chain; TNF-RII; TNFR-II; p75 TNFR; p80 TNF-alpha receptor; 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	Tnfr-2; Tnfr2; TNF-R2; TNF-RII; TNFR-II
UniProt Entry Name	TNR1B_MOUSE

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tnfr2-tnfrsf1b-antibody-immunoprecipitation-western-blot-elisa/257092>