Rabbit TNF-R1 Polyclonal Antibody | anti-TNFRSF1A antibody

TNF-R1 Antibody: RPE

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA103724	**Rabbit**	**Human, Mouse, Rat, Monkey, Bovine, Canine, Rabbit**	**Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

TNF-R1; Polyclonal Antibody; TNF-R1 Antibody: RPE; Tumor necrosis factor receptor 1; TNFR-1; TNFRSF1A; TNFAR; TNFR1; anti-TNFRSF1A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey, Bovine, Canine, Rabbit
Clonality	Polyclonal
Form/Format	Peptide Affinity Purified
Concentration	1mg/mL (varies by lot)
Sequence Length	455
Applicable Applications for anti-TNFRSF1A antibody	IP (Immunoprecipitation), WB (Western Blot)
Conjugate	RPE
Storage Buffer	PBS pH 7.4; 50% glycerol, 0.09% azide
Preparation and Storage	-20 degree C

IMAGES

ICC (Immunocytochemistry)
Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-TNF-R1 Polyclonal Antibody (SPC-170). Tissue: HaCaT cells. Species: Human. Fixation: Cold 100% methanol at -20C for 10 minutes. Primary Antibody: Rabbit Anti-TNF-R1 Polyclonal Antibody (SPC-170) at 1:100 for 12 hours at 4 degree C. Secondary Antibody: FITC Goat Anti-Rabbit at 1:50 for 1-2 hours at RT in dark. Localization: Punctate nuclear staining, dotty staining in cytoplasm.

IHC (Immunohistochemistry)
Immunohistochemistry analysis using Rabbit Anti-TNF-R1 Polyclonal Antibody (SPC-170). Tissue: backskin. Species: Mouse. Fixation: Bouin's Fixative Solution. Primary Antibody: Rabbit Anti-TNF-R1 Polyclonal Antibody (SPC-170) at 1:100 for 1 hour at RT. Secondary Antibody: FITC Goat Anti-Rabbit (green) at 1:50 for 1 hour at RT. Localization: dermis.

ADDITIONAL INFORMATION

Related Product Information for anti-TNFRSF1A antibody	**Background Info:** Identifies a band ~55kD on WB **Scientific Background:** The Tumor Necrosis Factor Receptor (TNFR) also known as Cluster of differentiation (CD120) is a protein that belongs to the (TNF)/ (TNFR) superfamily. TNF interacts with two distinct receptors TNFR1 and TNFR2. These receptors share no homology on their cytoplasmic sequences(1,3).TNFR1 also known as p55/p60 is a high affinity receptor for TNF-alpha. The TNFR1 has an extracellular domain with variable numbers of cysteine-rich repeats. The functional properties of TNFR1 are targets in new therapies for osteoporosis, chronic inflammatory and autoimmune diseases (1, 2). The TNF-alpha/TNFR1 receptor complex is responsible for the recruitment and the subsequent activation of the caspase (aspartate-specific cysteine proteases) that regulate apoptosis.

Product Categories/Family for anti-TNFRSF1A antibody	Cell Signaling
References	1. Kontermann RE., et al. (2008) J Immunother 31(3):225-34. 2. Hehlgans T. and Pfeffer K.(2005) Immunology 115(1):1-20. 3. 3.Al-Lamki S.,et al. (2005) The Faseb Journal 19:1638-1645.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507575
NCBI GeneID	7132
NCBI Accession #	NP_001056.1
NCBI GenBank Nucleotide #	NM_001065.3
UniProt Accession #	P19438; Q9UCA4; A8K4X3; B2RDE4; B3KPQ1; B4DQB7; B4E309; B5M0B5; D3DUR1
Molecular Weight	24,194 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 1A
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 1A
NCBI Official Symbol	TNFRSF1A
NCBI Official Synonym Symbols	FPF; MS5; p55; p60; TBP1; TNF-R; TNFAR; TNFR1; p55-R; CD120a; TNFR55; TNFR60; TNF-R-I; TNF-R55; TNFR1-d2
NCBI Protein Information	tumor necrosis factor receptor superfamily member 1A; TNF-R1; TNF-RI; TNFR-I; tumor necrosis factor-alpha receptor; tumor necrosis factor receptor type 1; tumor necrosis factor binding protein 1; tumor necrosis factor receptor 1A isoform beta
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 1A
UniProt Gene Name	**TNFRSF1A**
UniProt Synonym Gene Names	TNFAR; TNFR1; TNF-R1; TNF-RI; TNFR-I; TBPI
UniProt Entry Name	TNR1A_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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/tnf-r1-antibody-immunoprecipitation-western-blot-elisa/103724