# Rabbit TNF-R1 Polyclonal Antibody | anti-TNFRSF1A antibody

TNF-R1 Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA103666** | **Rabbit** | **Human, Mouse, Rat, Monkey, Bovine, Canine, Rabbit** | **Immunoprecipitation, Western Blot** |

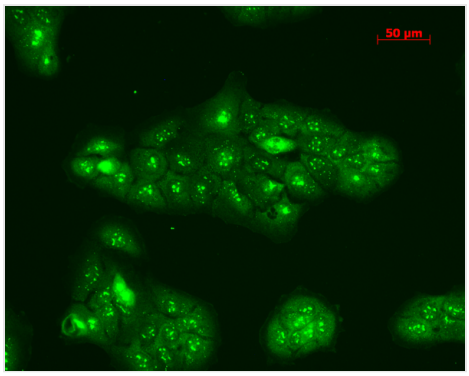
## PRODUCT SYNONYMS

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

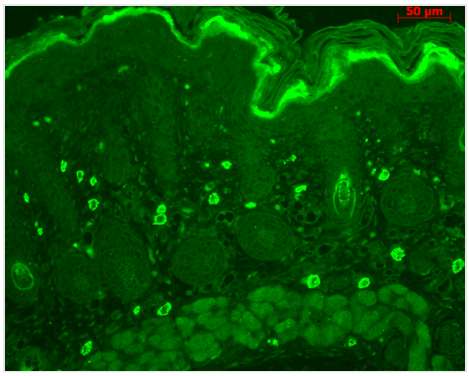
## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **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) |
| **Certificate of Analysis** | 1ug/mL of SPC-170 was sufficient for detection of TNFR1 in 20 ug of Hela lysate by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP asthe secondary antibody. |
| **Conjugate** | Unconjugated |
| **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

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|---|---|
| **Related Product Information for anti-TNFRSF1A antibody** | **Background Info:** Identifies a band ~55kD on WB<br><br>**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

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|---|---|
| **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/103666