

Rabbit anti-Human, Rat TSG6 Polyclonal Antibody | anti-TNFAIP6 antibody

Anti-TSG6 Antibody

CATALOG # AAA46749	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Western Blot
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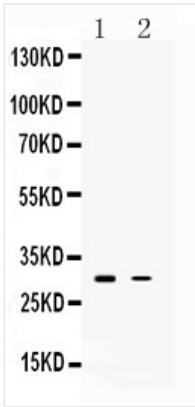
PRODUCT SYNONYMS

TSG6; Polyclonal Antibody; Anti-TSG6 Antibody; TNFAIP 6; Tnfaip6; TSG 6; TSG-6; P98066; Tumor necrosis factor-inducible gene 6 protein; TNF alpha induced protein 6; anti-TNFAIP6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	277
Applicable Applications for anti-TNFAIP6 antibody	WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human TSG6 (46-91aa KYKLTYAEAKAVCEFEFGHLATYKQLEAARKIGFHVCAAGWMAKGR), different from the related mouse sequence by two amino acids.
Preparation and Storage	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Western blot analysis of TSG6 expression in rat brain extract (lane 1) and HELA whole cell lysates (lane 2). TSG6 at 31KD was detected using rabbit anti- TSG6 Antigen Affinity purified polyclonal antibody at 0.5ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-TNFAIP6 antibody	Tumor necrosis factor-inducible gene 6 protein, also known as TSG-6, is a protein that in humans is encoded by the TNFAIP6 gene. The protein encoded by this gene is a secretory protein that contains a hyaluronan-binding domain, and thus is a member of the hyaluronan-binding protein family. The hyaluronan-binding domain is known to be involved in extracellular matrix stability and cell migration. This protein has been shown to form a stable complex with inter-alpha-inhibitor (I alpha I), and thus enhance the serine protease inhibitory activity of I alpha I, which is important in the protease network associated with inflammation. This gene can be induced by proinflammatory cytokines such as tumor necrosis factor alpha and interleukin-1. Enhanced levels of this protein are found in the synovial fluid of patients with osteoarthritis and rheumatoid arthritis.
References	1. "Entrez Gene: TNFAIP6 tumor necrosis factor, alpha-induced protein 6". 2. Lee TH, Klampfer L, Shows TB, Vilcek J (March 1993). "Transcriptional regulation of TSG6, a tumor necrosis factor- and interleukin-1-inducible primary response gene coding for a secreted hyaluronan-binding protein". J. Biol. Chem. 268 (9): 6154-60. 3. Milner CM, Day AJ (2004). "TSG-6: a multifunctional protein associated with inflammation.". J. Cell. Sci. 116 (Pt 10): 1863-73.

NCBI AND UNIPROT INFORMATION

NCBI GI #	26051243
NCBI GeneID	7130
NCBI Accession #	NP_009046.2
NCBI GenBank Nucleotide #	NM_007115.3
UniProt Accession #	P98066; Q53T17; Q8WWI9
NCBI Official Full Name	tumor necrosis factor-inducible gene 6 protein
NCBI Official Synonym Full Names	TNF alpha induced protein 6
NCBI Official Symbol	TNFAIP6
NCBI Official Synonym Symbols	TSG6; TSG-6
NCBI Protein Information	tumor necrosis factor-inducible gene 6 protein
UniProt Protein Name	Tumor necrosis factor-inducible gene 6 protein
UniProt Gene Name	TNFAIP6

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/tsg6-antibody-western-blot-elisa/46749>