

Rabbit anti-Human, Mouse TNFSF12 Polyclonal Antibody | anti-TNFSF12 antibody

TNFSF12 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320965	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

TNFSF12; Polyclonal Antibody; TNFSF12 Antibody; APO 3 ligand; APO 3L; APO3 ligand; APO3/DR3 ligand; APO3L; DR3LG; MGC129581; MGC20669; secreted form; TNF-related weak inducer of apoptosis; TNF12_HUMAN; TNFSF 12; Tnfsf12; TNFSF12 protein; Tumor necrosis factor (ligand) superfamily member 12; Tumor necrosis factor ligand superfamily member 12; Tumor necrosis factor superfamily member 12; TWEAK; UNQ181/PRO207; anti-TNFSF12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	TNFSF12 antibody detects endogenous levels of total TNFSF12
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	249
Applicable Applications for anti-TNFSF12 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TNFSF12
Subcellular Location	Secreted and Cell Membrane.
Tissue Specificity	Highly expressed in adult heart, pancreas, skeletal muscle, brain, colon, small intestine, lung, ovary, prostate, spleen, lymph node, appendix and peripheral blood lymphocytes. Low expression in kidney, testis, liver, placenta, thymus and bone marrow. Also detected in fetal kidney, liver, lung and brain.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis on HuvEc, Jurkat and 293 cell lysate using TNFSF12 Antibody. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA320965 at 1/100 staining human pancreas tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)

AAA320965 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TNFSF12 antibody	Description: TNFSF12 Binds to FN14 and possibly also to TNFRSF12/APO3. Weak inducer of apoptosis in some cell types. Mediates NF-kappa-B activation. Promotes angiogenesis and the proliferation of endothelial cells. Also involved in induction of inflammatory cytokines. Belongs to the tumor necrosis factor family. Homotrimer (Potential). Interacts with the angiogenic factor AGGF1/VG5Q. Subunit Structure: Homotrimer (Probable). Interacts with the angiogenic factor AGGF1/VG5Q. Post-translational Modifications: The soluble form derives from the membrane form by proteolytic processing. Similarity: Belongs to the tumor necrosis factor family.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507597
NCBI GeneID	8742
NCBI Accession #	NP_003800.1
NCBI GenBank Nucleotide #	NM_003809.2
UniProt Accession #	O43508; Q8IZK7; Q8WUZ7
Molecular Weight	Observed: 27 kDa Predicted: 28 kDa
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 12 proprotein
NCBI Official Synonym Full Names	TNF superfamily member 12
NCBI Official Symbol	TNFSF12
NCBI Official Synonym Symbols	APO3L; DR3LG; TWEAK; TNLG4A
NCBI Protein Information	tumor necrosis factor ligand superfamily member 12
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 12
UniProt Gene Name	TNFSF12
UniProt Synonym Gene Names	APO3L; DR3LG; TWEAK

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/tnfsf12-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/320965>