

Rabbit TROY Polyclonal Antibody | anti-TNFRSF19 antibody

TROY Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31246	Rabbit	Human, Mouse, Rat Predicted Reactivity: Horse(88%), Sheep(86%)	ELISA

PRODUCT SYNONYMS

TROY; Polyclonal Antibody; TROY Antibody; AL023044; AW123854; TAJ alpha; TAJ; TAJ-alpha; TNFRSF19; TNFRSF19 tumor necrosis factor receptor superfamily; member 19; TNFR19_HUMAN; Toxicity and JNK inducer; TRADE; Tumor necrosis factor receptor superfamily member 19; UNQ1888/PRO4333; anti-TNFRSF19 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Horse(88%), Sheep(86%)
Clonality	Polyclonal
Isotype	IgG
Specificity	TROY Antibody detects endogenous levels of total TROY.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	417
Applicable Applications for anti-TNFRSF19 antibody	ELISA
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:100-1:500 ICC: 1:100-1:500 ELISA(peptide): 1:20,000-1:40,000
Immunogen	A synthesized peptide derived from human TROY, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA31246 staining A549 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA31246) and mouse anti-beta tubulin Ab(T0023) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI (blue).



IHC (Immunohistochemistry-Paraffin)

AAA31246 at 1/100 staining Human gastric cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)

AAA31246 at 1/100 staining Human colorectal cancer and adjacent normal tissues by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)

AAA31246 at 1/100 staining Human colorectal cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)

AAA31246 at 1/100 staining Human colorectal cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from T98G, using TROY Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-TNFRSF19 antibody	Function: Can mediate activation of JNK and NF-kappa-B. May promote caspase-independent cell death.
	Subcellular Location: Membrane>Single-pass type I membrane protein.
	Tissue Specificity: Highly expressed in prostate. Detected at lower levels in thymus, spleen, testis, uterus, small intestine, colon and peripheral blood leukocytes.
	Subunit Structure: Associates with TRAF1, TRAF2, TRAF3 and TRAF5. Interacts with LINGO1.

NCBI AND UNIPROT INFORMATION

NCBI GI #	325120959
NCBI GeneID	55504
NCBI Accession #	NP_001191387.1
NCBI GenBank Nucleotide #	NP_001191387.1
UniProt Accession #	Q9NS68
Molecular Weight	Observed Molecular Weight: (Observed)46kD. Predicted Molecular Weight: (Calculated)46kDa.
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 19 isoform 2
NCBI Official Synonym Full Names	TNF receptor superfamily member 19

NCBI Official Symbol	TNFRSF19
NCBI Official Synonym Symbols	TAJ; TROY; TRADE; TAJ-alpha
NCBI Protein Information	tumor necrosis factor receptor superfamily member 19
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 19
UniProt Gene Name	TNFRSF19
UniProt Synonym Gene Names	TAJ; TROY

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/troy-antibody-elisa/31246>