

Rabbit TROP-2 Polyclonal Antibody | anti-TROP-2 antibody

TROP-2 Polyclonal Antibody

CATALOG # AAA179449	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

TROP-2; Polyclonal Antibody; TROP-2 Polyclonal Antibody; TACSTD2; EGP-1; EGP1; GA733-1; GA7331; GP50; M1S1; TROP2; anti-TROP-2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-TROP-2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human TROP-2
Research Area	Cancer, Signal Transduction
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



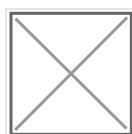
IF (Immunofluorescence)

Immunofluorescence analysis of A431 cells using TROP-2 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



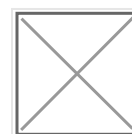
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human esophageal cancer using TROP-2 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of Mouse kidney using TROP-2 Polyclonal Antibody at 1:1000 dilution.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using TROP-2 Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-TROP-2 antibody	This intronless gene encodes a carcinoma-associated antigen. This antigen is cell surface receptor that transduces calcium signals. Mutations of this gene have been associated with gelatinous drop-like corneal dystrophy.
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Product Categories/Family for anti-TROP-2 antibody	Antibodies; Primary Antibodies; Polyclonal Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	166795236
NCBI GeneID	4070
NCBI Accession #	NP_002344.2
NCBI GenBank Nucleotide #	NM_002353.2
UniProt Accession #	P09758; Q15658; Q6FG48; Q7Z7Q4; Q96QD2
Molecular Weight	35,709 Da
NCBI Official Full Name	tumor-associated calcium signal transducer 2
NCBI Official Synonym Full Names	tumor-associated calcium signal transducer 2
NCBI Official Symbol	TACSTD2
NCBI Official Synonym Symbols	EGP1; GP50; M1S1; EGP-1; TROP2; GA7331; GA733-1
NCBI Protein Information	tumor-associated calcium signal transducer 2; epithelial glycoprotein-1; cell surface glycoprotein TROP2; cell surface glycoprotein Trop-2; pancreatic carcinoma marker protein GA7331; pancreatic carcinoma marker protein GA733-1; gastrointestinal tumor-ass
UniProt Protein Name	Tumor-associated calcium signal transducer 2
UniProt Gene Name	TACSTD2
UniProt Synonym Gene Names	GA733-1; M1S1; TROP2
UniProt Entry Name	TACD2_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/trop-2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/179449>