

Rabbit anti-Mouse TROP2 Polyclonal Antibody | anti-TACSTD2 antibody

Anti-TROP2 Antibody, Rabbit Polyclonal

CATALOG # AAA257242	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, ELISA
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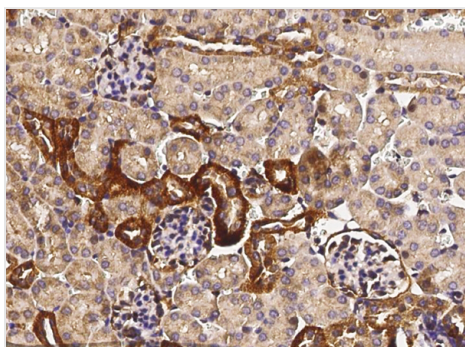
PRODUCT SYNONYMS

TROP2; Polyclonal Antibody; Anti-TROP2 Antibody; Rabbit Polyclonal; TROP-2/TACSTD2 Antibody; Rabbit PAb; Antigen Affinity Purified; tumor-associated calcium signal transducer 2; Anti-C80403 Antibody; Anti-EGP-1 Antibody; Anti-GA733-1 Antibody; Anti-Ly97 Antibody; anti-TACSTD2 antibody

PRODUCT SPECIFICATIONS

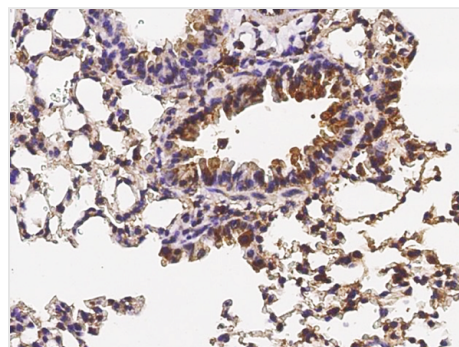
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse TROP-2/TACSTD2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-TACSTD2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Mouse TROP-2/TACSTD2 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse TROP-2/TACSTD2 (rM TROP-2/TACSTD2). TROP-2/TACSTD2 specific IgG was purified by Mouse TROP-2/TACSTD2 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of mouse TACSTD2 in mouse kidney with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of mouse TACSTD2 in mouse lung with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-TACSTD2 antibody	TROP-2, also referred to as tumor-associated calcium signal transducer 2 (TACSTD2), GA733-1 or M1S1, is a cell surface glycoprotein highly expressed in a wide variety of epithelial cancers. In contrast, there is little or no expression of Trop-2 in adult somatic tissue. Because it is a cell surface protein that is selectively expressed in tumor cells, Trop-2 is a potential therapeutic target. The cytoplasmic tail of Trop-2 possesses potential serine and tyrosine phosphorylation sites and a phosphatidyl-inositol binding consensus sequence. Trop-2 transduces an intracellular calcium signal, which are consistent with the hypothesis that it acts as a cell surface receptor and support a search for a physiological ligand. TROP2 encoding by an intronless gene was originally defined by the monoclonal antibody GA733, and is a member of a family of at least two type I membrane proteins. The other known member is GA733-2, also called EpCAM and TROP1. It has been suggested by studies that the GA733-1 gene was formed by the retroposition of the GA733-2 gene via an mRNA intermediate.
Product Categories/Family for anti-TACSTD2 antibody	Cancer Drug Targets
References	Ripani E, et al. (1998) Human Trop-2 is a tumor-associated calcium signal transducer. Int J Cancer. 76(5): 671-6. Wang J, et al. (2008) Identification of Trop-2 as an oncogene and an attractive therapeutic target in colon cancers. Mol Cancer Ther. 7(2): 280-5.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31560359
NCBI GeneID	56753
NCBI Accession #	NP_064431.2
NCBI GenBank Nucleotide #	NM_020047.3
UniProt Accession #	Q8BGV3; O55130
Molecular Weight	35,574 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	Ly97; EGP-1; TROP2; C80403; GA733-1
NCBI Protein Information	tumor-associated calcium signal transducer 2; lymphocyte antigen 97; cell surface glycoprotein Trop-2; tumor-associated calcium signal transducer 2
UniProt Protein Name	Tumor-associated calcium signal transducer 2
UniProt Gene Name	Tacstd2
UniProt Synonym Gene Names	Trop2
UniProt Entry Name	TACD2_MOUSE

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://www.aaabiotech.com/polyclonal/trop2-antibody-immunohistochemistry-elisa/257242>