

Rabbit TACD2 Polyclonal Antibody | anti-TACD2 antibody

TACD2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323791	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

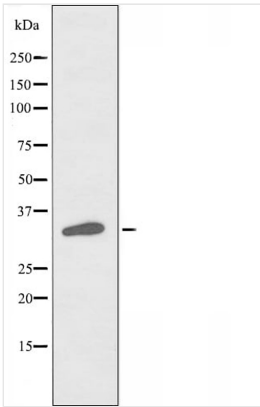
PRODUCT SYNONYMS

TACD2; Polyclonal Antibody; TACD2 Antibody; Cell surface glycoprotein Trop 2; Cell surface glycoprotein Trop-2; Cell surface glycoprotein Trop2; Epithelial glycoprotein 1; GA733 1; GA7331; M1S 1; M1S1; Membrane component chromosome 1 surface marker 1; Pancreatic carcinoma marker protein GA733 1; Pancreatic carcinoma marker protein GA733-1; Pancreatic carcinoma marker protein GA7331; TACD 2; TACD2_HUMAN; TACSTD 2; Tacstd2; Trop 2; Trop2; Tumor associated calcium signal transducer 2 precursor; Tumor-associated calcium signal transducer 2; anti-TACD2 antibody

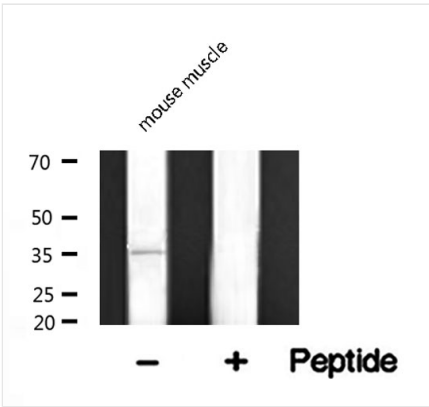
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TACD2 antibody detects endogenous levels of total TACD2
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	323
Applicable Applications for anti-TACD2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Membrane.
Tissue Specificity	Placenta, pancreatic carcinoma cell lines.
Predicted Cross Reactivity	Pig, Bovine, Sheep, Rabbit
Similarity	Pig (100%), Bovine (91%), Sheep (91%), Rabbit (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

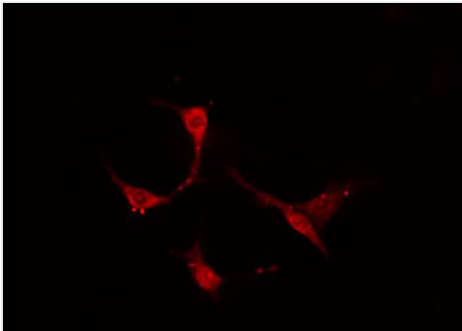
IMAGES



WB (Western Blot)
Western blot analysis of extracts from A549 cells using TACD2 antibody.



WB (Western Blot)
Western blot analysis of TACD2 expression in mouse muscle lysate



IF (Immunofluorescence)
AAA323791 staining A549 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-TACD2 antibody	Function: May function as a growth factor receptor. Post-translational Modifications: The N-terminus is blocked. Similarity: Belongs to the EPCAM family.
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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	Observed: 35 kD Predicted: 36 kDa
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
UniProt Protein Name	Tumor-associated calcium signal transducer 2
UniProt Gene Name	TACSTD2
UniProt Synonym Gene Names	GA733-1; M1S1; TROP2

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/tacd2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/323791>