

Rabbit anti-Human, Mouse TGS1 Polyclonal Antibody | anti-TGS1 antibody

Rabbit anti-human TGS1 polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118411	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

TGS1; Polyclonal Antibody; Rabbit anti-human TGS1 polyclonal Antibody; CLL-associated antigen KW-2; Cap-specific guanine-N2 methyltransferase; Hepatocellular carcinoma-associated antigen 137; Nuclear receptor coactivator 6-interacting protein; PRIP-interacting protein with methyltransferase motif; PIMT; PIPMT; HCA137; NCOA6IP; anti-TGS1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	853
Applicable Applications for anti-TGS1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Trimethylguanosine synthase protein (714-853aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-23113 / sc-23114
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



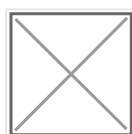
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta using AAA118411 at dilution 1:100



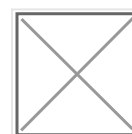
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung tissue using AAA118411 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA118411 at dilution 1:100



WB (Western Blot)

All lanes: TGS1 antibody at 10ug/ml+mouse skeletal muscle tissueSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 97kDaObserved band size: 97kDa

ADDITIONAL INFORMATION

Related Product Information for anti-TGS1 antibody	Catalyzes the 2 serial methylation steps for the conversion of the 7-monomethylguanosine (m7G) caps of snRNAs and snoRNAs to a 2,2,7-trimethylguanosine (m(2,2,7)G) cap structure. The enzyme is specific for guanine, and N7 methylation must precede N2 methylation. Hypermethylation of the m7G cap of U snRNAs leads to their concentration in nuclear foci, their colocalization with coilin and the formation of canonical Cajal bodies (CBs). Plays a role in transcriptional regulation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	151301096
NCBI GeneID	96764
NCBI Accession #	NP_079107.6
NCBI GenBank Nucleotide #	NM_024831.7
UniProt Accession #	Q96RS0; Q5GH23; Q8TDG9; Q96QU3; Q9H5V3; A6NJQ5
Molecular Weight	96,620 Da
NCBI Official Full Name	trimethylguanosine synthase isoform 1
NCBI Official Synonym Full Names	trimethylguanosine synthase 1
NCBI Official Symbol	TGS1
NCBI Official Synonym Symbols	PIMT; PIPMT; NCOA6IP
NCBI Protein Information	trimethylguanosine synthase
UniProt Protein Name	Trimethylguanosine synthase
UniProt Gene Name	TGS1
UniProt Synonym Gene Names	HCA137; NCOA6IP; PIMT; PIMT; PIPMT
UniProt Entry Name	TGS1_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/tgs1-antibody-immunohistochemistry-western-blot-elisa/118411>