

Datasheet for ABIN2783564
anti-TGS1 antibody (Middle Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	TGS1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Horse, Cow, Dog, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TGS1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human TGS1
Sequence:	IDENPASDFD DSGSLLGFKY GSGQKYGGIP NFSHRQVRYL EKNVKLKSKY
Predicted Reactivity:	Cow: 92%, Dog: 92%, Guinea Pig: 93%, Horse: 85%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against TGS1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TGS1
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Target Details

Alternative Name:	TGS1 (TGS1 Products)
Background:	<p>TGS1 catalyzes the methylation step(s) 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.</p> <p>TGS1 plays a role in transcriptional regulation.</p> <p>Alias Symbols: DKFZp762A163, FLJ22995, NCOA6IP, PIMT, PIPMT</p> <p>Protein Interaction Partner: LIN28A, UBC, COIL, Nhp211, NCOA6, HNF4A, EP300, EED, CREBBP, SNORD3A, MED1,</p> <p>Protein Size: 853</p>
Molecular Weight:	96 kDa
Gene ID:	96764
NCBI Accession:	NM_024831 , NP_079107
UniProt:	Q96RS0
Pathways:	Mitotic G1-G1/S Phases , Regulation of Lipid Metabolism by PPARalpha , Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 853 AA
Restrictions:	For Research Use only

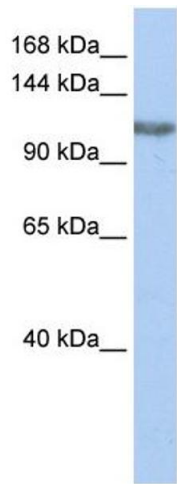
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-TGS1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: HepG2 cell lysate