

TGS1 Polyclonal Antibody

Catalog No: #31359

Package Size: #31359-1 50ul #31359-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

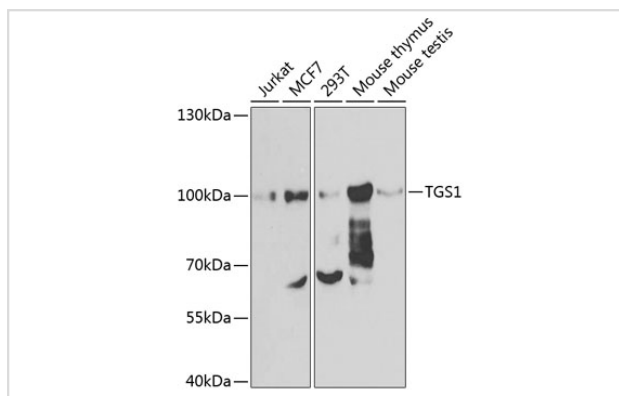
Description

Product Name	TGS1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse
Immunogen Description	Recombinant fusion protein of human TGS1 (NP_079107.6).
Other Names	TGS1;NCOA6IP;PIMT;PIPMT
Accession No.	Uniprot:Q96RS0GeneID:96764
Calculated MW	97kDa
SDS-PAGE MW	97kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB □ 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using TGS1 antibody.

Background

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(2,2,7G 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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.