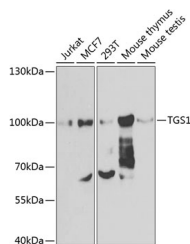


TGS1 Polyclonal Antibody

Catalog No.	E-AB-62562	Reactivity	H,M
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western blot analysis of extracts of various cell lines using TGS1 Polyclonal Antibody at 1:1000 dilution.

Immunogen Information

Immunogen	Recombinant fusion protein of human TGS1
GeneID	96764
Swissprot	Q96RS0
Synonyms	TGS1,NCOA6IP,PIMT,PIPMT

Product Information

Calculated MW	96kDa
Observed MW	97kDa
Buffer	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Purify	Affinity purification
Dilution	WB 1:500-1:2000

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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.