

TGS1 Polyclonal Antibody

Catalog No. E-AB-62562

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

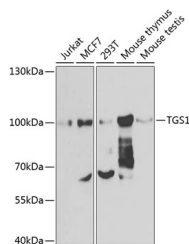
Description

Reactivity	Human,Mouse
Immunogen	Recombinant fusion protein of human TGS1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Applications Recommended Dilution

WB 1:500-1:2000

Data



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

Observed Mw:97kDa
Calculated Mw:96kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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 (m2,2,7G 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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