



# Rabbit Anti-Human TGS1 Polyclonal Antibody (DPABH-20168)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Target	Human TGS1
Immunogen	Immunogen range: Between 803 and 853
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	WB, IP, IHC
Format	Liquid
Concentration	Lot specific
Buffer	Tris-citrate/phosphate buffer, pH 7 to 8
Preservative	0.09% Sodium Azide
Storage	2 - 8° C. 1 year from date of receipt
Ship	Wet ice

## BACKGROUND

Introduction	TGS1 (trimethylguanosine synthase 1) is a protein-coding gene. Diseases associated with TGS1 include hepatocellular carcinoma, and spinal muscular atrophy, and among its related super-pathways are Regulation of Lipid Metabolism by Peroxisome proliferator-activated receptor alpha (PPARalpha) and Metabolism of non-coding RNA. GO annotations related to this gene include RNA trimethylguanosine synthase activity. Trimethylguanosine synthase is an enzyme that in humans is encoded by the TGS1 gene. 0The function about TGS1 antigen include 1-hydroxy-6-methoxypyrene methyltransferase activity; 1-hydroxypyrene methyltransferase activity; 1-phenanthrol methyltransferase activity; 2-phytyl-1,4-naphthoquinone methyltransferase activity.
Keywords	TGS1;trimethylguanosine synthase 1;PIMT;PIPMT;NCOA6IP;trimethylguanosine synthase;SEREX-defined;CLL-associated antigen KW-2;PRIP-interacting protein PIPMT;trimethylguanosine synthase homolog

## GENE INFORMATION

Gene Name	trimethylguanosine synthase 1
Official Symbol	TGS1
Entrez Gene ID	<a href="#">96764</a>
UniProt ID	<a href="#">Q96RS0</a>