

For Research Use Only

TST Monoclonal antibody

Catalog Number: 66018-1-Ig **7 Publications**



Basic Information

Catalog Number: 66018-1-Ig	GenBank Accession Number: BC010148	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7263	CloneNo.: 2A6C5
Source: Mouse	Full Name: thiosulfate sulfurtransferase (rhodanese)	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200
Isotype: IgG2a	Calculated MW: 297 aa, 33 kDa	
Immunogen Catalog Number: AG9235	Observed MW: 33 kDa	

Applications

Tested Applications:
IHC, WB, ELISA

Cited Applications:
IHC, WB

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: rat brain tissue, human brain tissue, mouse brain tissue, mouse liver tissue, rat liver tissue

IHC: human liver tissue, human kidney tissue

Background Information

Thiosulfate sulfurtransferase (TST), also known as rhodanese, is a mitochondrial enzyme involved in cyanide detoxification and the formation of iron-sulfur proteins and the modification of sulfur-containing enzymes.

Notable Publications

Author	Pubmed ID	Journal	Application
Ashley A Untereiner	29061341	Biochem Pharmacol	WB
Akbar Ahmad	28318752	Burns	WB
Marouane Libiad	31213529	J Biol Chem	IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

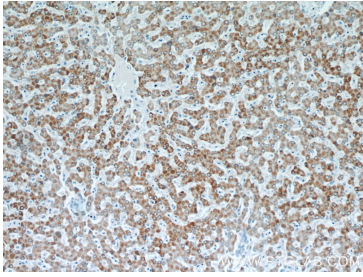
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

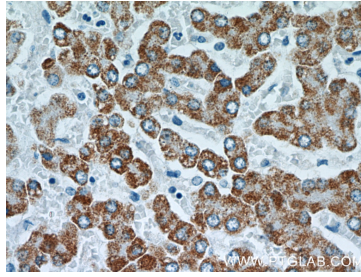
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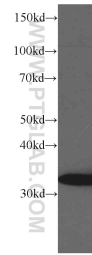
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver using 66018-1-Ig(TST antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver using 66018-1-Ig(TST antibody) at dilution of 1:50 (under 40x lens).



rat brain tissue were subjected to SDS PAGE followed by western blot with 66018-1-Ig (TST Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.