

For Research Use Only

TST Monoclonal antibody

Catalog Number: 66018-1-Ig **8 Publications**



Basic Information

Catalog Number:

66018-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG9235

GenBank Accession Number:

BC010148

GeneID (NCBI):

7263

UNIPROT ID:

Q16762

Full Name:

thiosulfate sulfurtransferase (rhodanese)

Calculated MW:

297 aa, 33 kDa

Observed MW:

33 kDa

Purification Method:

Protein A purification

CloneNo.:

2A6C5

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, 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

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

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

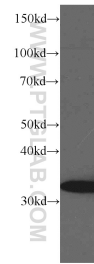
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66018-1-Ig (TST Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66018-1-Ig (TST Antibody) at dilution of 1:200 (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.