

Rabbit anti-Human, Mouse Thiosulfate Sulfurtransferase Polyclonal Antibody | anti-TST antibody

Thiosulfate Sulfurtransferase (TST) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144939	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Thiosulfate Sulfurtransferase; Polyclonal Antibody; Thiosulfate Sulfurtransferase (TST) Polyclonal Antibody; RDS; Rhodanese; Thiosulfate Cyanide Transsulfurase; Thiosulfate Thiotransferase; anti-TST antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against TST. It has been selected for its ability to recognize TST in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	297
Applicable Applications for anti-TST antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human, Mouse
Organism Species	Mouse
Fragment	TST (Val2~Ala297)
Quality Control	Content: The quality control contains recombinant TST (Val2~Ala297) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemiluminescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Application Data

Knockout Validation: Lane 1: Wild-type HepG2 cell lysate; Lane 2: TST knockout HepG2 cell lysate; Predicted MW: 33kd Observed MW: 33kd Primary Ab: 1ug/ml Rabbit Anti-Mouse TST Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P; Samples: Mouse Stomach Tissue



IHC (Immunohistochemistry)

DAB staining on formalin fixed paraffin- embedded liver tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.



WB (Western Blot)

Western Blot: Sample: Human HepG2 cell lysate; Primary Ab: 1ug/ml Rabbit Anti-Mouse TST Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-TST antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6678449
NCBI GeneID	22117
NCBI Accession #	NP_033463.1
NCBI GenBank Nucleotide #	NM_009437.4
UniProt Accession #	P52196
Molecular Weight	33,466 Da
NCBI Official Full Name	thiosulfate sulfurtransferase
NCBI Official Synonym Full Names	thiosulfate sulfurtransferase, mitochondrial
NCBI Official Symbol	Tst
NCBI Official Synonym Symbols	Rhodanese
NCBI Protein Information	thiosulfate sulfurtransferase
UniProt Protein Name	Thiosulfate sulfurtransferase
UniProt Gene Name	Tst

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.