

Rabbit TST Polyclonal Antibody | anti-TST antibody

TST Antibody (C-Term)

CATALOG # AAA290583	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
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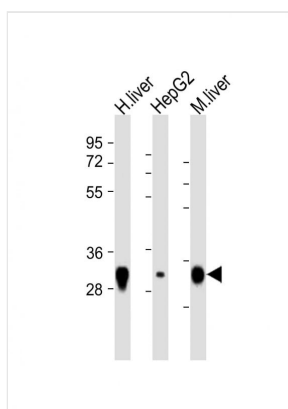
PRODUCT SYNONYMS

TST; Polyclonal Antibody; TST Antibody (C-Term); Purified Rabbit Polyclonal Antibody (Pab); Thiosulfate sulfurtransferase; Rhodanese; anti-TST antibody

PRODUCT SPECIFICATIONS

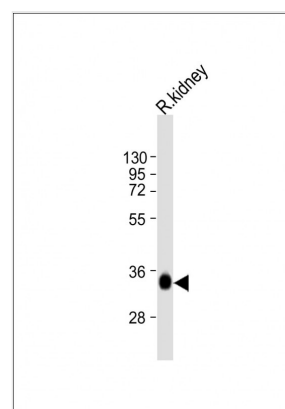
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TST antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 208-232 amino acids from the human TST.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	297
Applicable Applications for anti-TST antibody	ELISA, WB (Western Blot)
Cellular Location	Mitochondrion Matrix
Clone Names	RB53290
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

All lanes : Anti-TST Antibody (C-Term) at 1:8000 dilution
Lane 1: human liver lysate
Lane 2: HepG2 lysate
Lane 3: mouse liver lysate
Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 33 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)

Anti-TST Antibody (C-Term) at 1:2000 dilution + rat kidney lysate
Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 33 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-TST antibody	Formation of iron-sulfur complexes, cyanide detoxification or modification of sulfur-containing enzymes. Other thiol compounds, besides cyanide, can act as sulfur ion acceptors. Also has weak mercaptopyruvate sulfurtransferase (MST) activity (By similarity). Together with MRPL18, acts as a mitochondrial import factor for the cytosolic 5S rRNA. Only the nascent unfolded cytoplasmic form is able to bind to the 5S rRNA.
Product Categories/Family for anti-TST antibody	Crown Antibodies; Metabolism; Signal Transduction
References	Aita N.,et al.Biochem. Biophys. Res. Commun. 231:56-60(1997). Collins J.E.,et al.Genome Biol. 5:R84.1-R84.11(2004). Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases. Ota T.,et al.Nat. Genet. 36:40-45(2004). Dunham I.,et al.Nature 402:489-495(1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	395394071
NCBI GeneID	7263
NCBI Accession #	NP_001257412.1
NCBI GenBank Nucleotide #	NM_001270483.1
UniProt Accession #	Q16762; Q6IB06; B3KRM1
Molecular Weight	33429
NCBI Official Full Name	thiosulfate sulfurtransferase
NCBI Official Synonym Full Names	thiosulfate sulfurtransferase (rhodanese)
NCBI Official Symbol	TST
NCBI Official Synonym Symbols	RDS
NCBI Protein Information	thiosulfate sulfurtransferase
UniProt Protein Name	Thiosulfate sulfurtransferase
UniProt Gene Name	TST
UniProt Entry Name	THTR_HUMAN

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.