10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TST Antibody (C-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21669b

Specification

TST Antibody (C-Term) - Product Information

Application	**WB,E**
Primary Accession	Q16762
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**33429**

TST Antibody (C-Term) - Additional Information

Gene ID 7263

Other Names
Thiosulfate sulfurtransferase, Rhodanese, TST

Target/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.

Dilution
WB~~1:2000
E~~Use at an assay dependent concentration.

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.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
TST Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

TST Antibody (C-Term) - Protein Information

Name TST

Function 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.

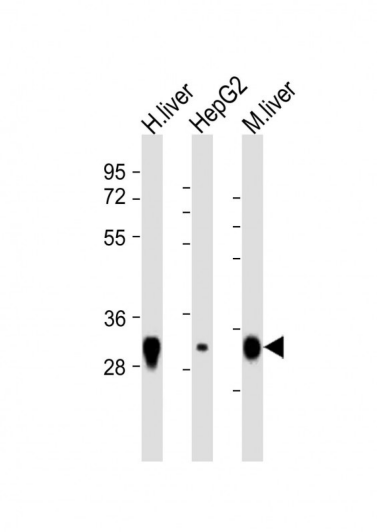
Cellular Location
Mitochondrion matrix.

TST Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TST Antibody (C-Term) - Images



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 µg 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.

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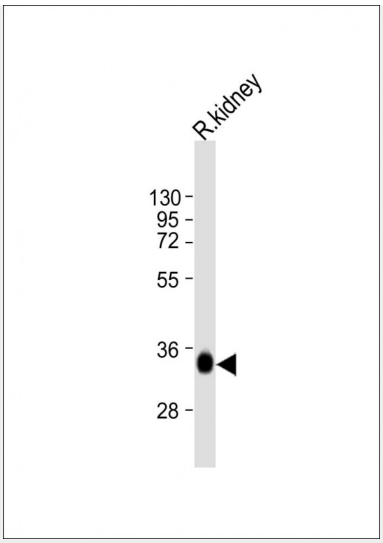

Anti-TST Antibody (C-Term) at 1:2000 dilution + rat kidney lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 33 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

TST Antibody (C-Term) - Background

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.

TST Antibody (C-Term) - References

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Collins J.E.,et al.Genome Biol. 5:R84.1-R84.11(2004).
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Ota T.,et al.Nat. Genet. 36:40-45(2004).
Dunham I.,et al.Nature 402:489-495(1999).