

Datasheet for ABIN2777154  
**anti-TST antibody (Middle Region)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µL
Target:	TST
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Cow, Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TST antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human TST
Sequence:	GEHLGSFYAP RVWWMFRVFG HRTVSVLNGG FRNWLKEGHP VTSEPSRPEP
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against TST. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

## Target Details

Target:	TST
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## Target Details

Alternative Name:	TST ( <a href="#">TST Products</a> )
Background:	<p>TST is a mitochondrial matrix enzyme that is encoded by the nucleus. It may play roles in cyanide detoxification, the formation of iron-sulfur proteins, and the modification of sulfur-containing enzymes. The product contains two highly conservative domains (rhodanese homology domains), suggesting these domains have a common evolutionary origin. The product of this gene is a mitochondrial matrix enzyme that is encoded by the nucleus. It may play roles in cyanide detoxification, the formation of iron-sulfur proteins, and the modification of sulfur-containing enzymes. The gene product contains two highly conservative domains (rhodanese homology domains), suggesting these domains have a common evolutionary origin.</p> <p>Alias Symbols: MGC19578, RDS</p> <p>Protein Interaction Partner: NEDD8, S100A16, HPDL, SEPT11, SEC22B, SLC9A3R2, AIFM1, UBE2M, SNRPA, PSMD7, PSMB2, UBC, ND1, PRSS1,</p> <p>Protein Size: 297</p>
Molecular Weight:	33 kDa
Gene ID:	7263
NCBI Accession:	<a href="#">NM_003312</a> , <a href="#">NP_003303</a>
UniProt:	<a href="#">Q16762</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 297 AA
Restrictions:	For Research Use only

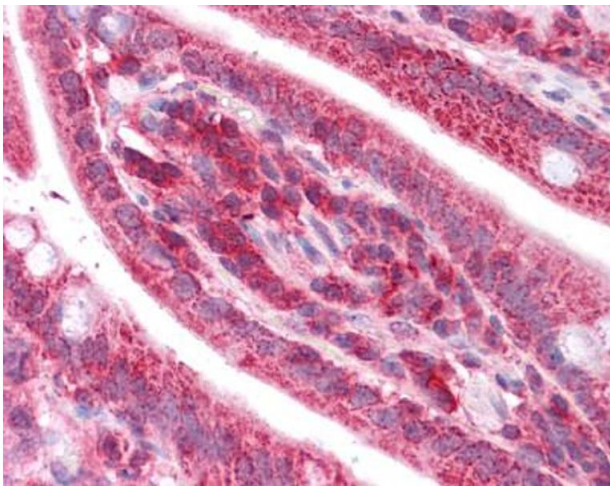
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

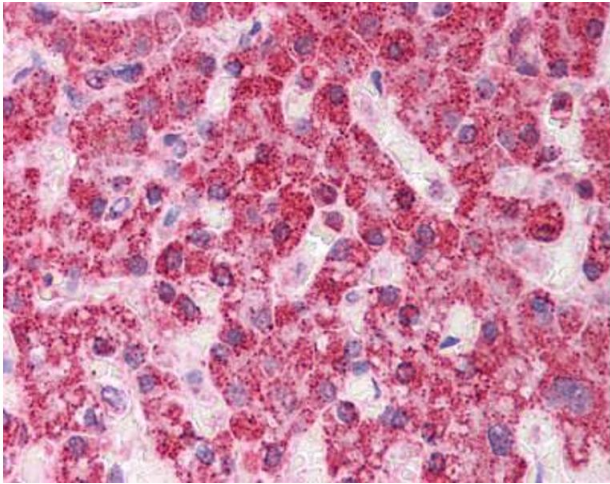
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



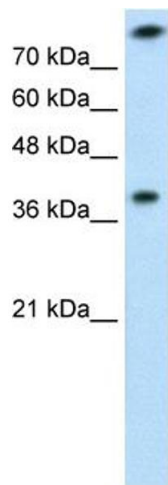
Immunohistochemistry

Image 1.



Immunohistochemistry

**Image 2.** Anti-TST antibody IHC staining of human liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.



Western Blotting

**Image 3.** WB Suggested Anti-TST Antibody Titration: 1 ug/ml Positive Control: Jurkat cell lysate

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2777154.