

## Product datasheet for **TA346353**

### TST Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TST antibody: synthetic peptide directed towards the middle region of human TST. Synthetic peptide located within the following region: GEHLGSFYAPRVWMMFRVFGHRTVSVLNGGFRNWLKEGHPVTSEPSRPEP
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	33 kDa
Gene Name:	thiosulfate sulfurtransferase
Database Link:	<a href="#">NP_003303</a> <a href="#">Entrez Gene 7263 Human</a> <a href="#">Q16762</a>



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**Background:**

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.

**Synonyms:**

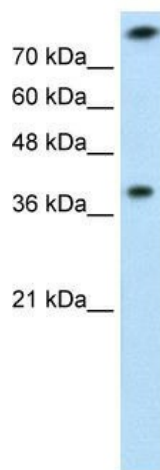
RDS

**Note:**

Immunogen Sequence Homology: Dog: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Pig: 93%; Guinea pig: 93%

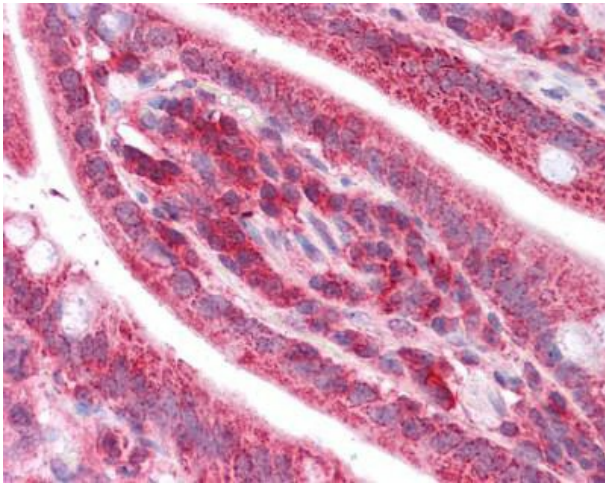
**Protein Families:**

Druggable Genome

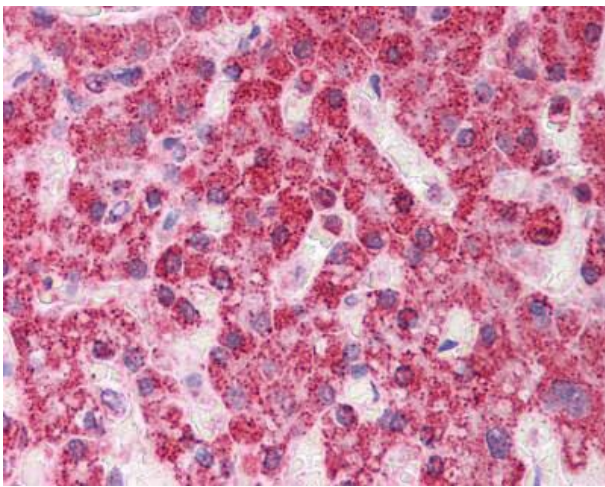
**Product images:**

Rabbit Anti-TST Antibody  
Catalog Number: ARP42122  
Lot Number: QC12738  
Lane: Jurkat Cell Lysate  
  
Antibody Titration: 1.0µg/ml  
Gel Concentration: 12%

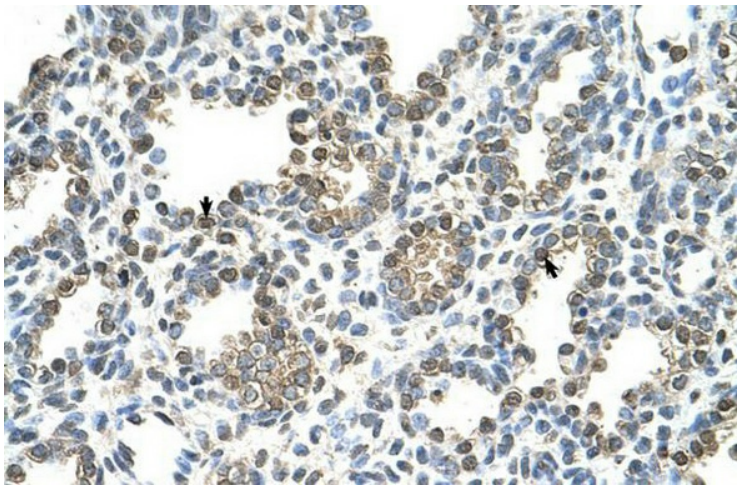
WB Suggested Anti-TST Antibody; Titration: 1 ug/ml; Positive Control: Jurkat cell lysate



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



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.



Rabbit Anti-TST Antibody; Paraffin Embedded Tissue: Human Lung; Cellular Data: Alveolar cells; Antibody Concentration: 4.0-8.0 ug/ml; Magnification: 400X