

# TST Rabbit Polyclonal Antibody



CAB10542

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

36kDa

### Calculated MW:

33kDa

### Applications:

WB IP

### Reactivity:

Human, Mouse, Rat

## Protein Background

This is one of two neighboring genes encoding similar proteins that each contain two rhodanese domains. The encoded protein is localized to the mitochondria and catalyzes the conversion of thiosulfate and cyanide to thiocyanate and sulfite. In addition, the protein interacts with 5S ribosomal RNA and facilitates its import into the mitochondria. Alternative splicing results in multiple transcript variants.

## Immunogen information

### Gene ID:

7263

### Uniprot

Q16762

### Synonyms:

TST; RDS

## Antibody Information

### Recommended dilutions:

WB 1:1000 - 1:2000 IP 1:50  
- 1:100

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

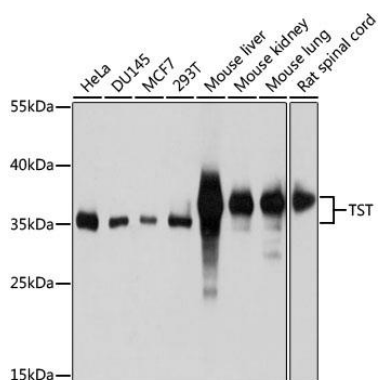
### Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-297 of human TST (NP\_003303.2).

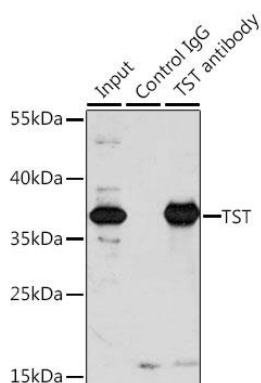
### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images



Western blot analysis of extracts of various cell lines, using TST antibody (CAB10542) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5s.



Immunoprecipitation analysis of 200ug extracts of A-549 cells, using 3 ug TST antibody (CAB10542). Western blot was performed from the immunoprecipitate using TST antibody (CAB10542) at a dilution of 1:1000.