

## TST Rabbit pAb

CatalogNo: YN5998

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB

#### MW

- 33kD (Calculated)

#### Isotype

- IgG

### Recommended Dilution Ratios

WB 1:500-2000

### Storage

#### Storage\*

-15°C to -25°C/1 year(Do not lower than -25°C)

#### Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

#### Clonality

Polyclonal

### Immunogen Information

#### Immunogen

Synthesized peptide derived from human TST

#### Specificity

This antibody detects endogenous levels of TST at Human, Mouse, Rat

### Target Information

#### Gene name

TST

**Protein Name**

Thiosulfate sulfurtransferase (Rhodanese)

Organism	Gene ID	UniProt ID
Human	<a href="#">7263;</a>	<a href="#">Q16762;</a>
Mouse	<a href="#">22117;</a>	<a href="#">P52196;</a>
Rat	<a href="#">25274;</a>	<a href="#">P24329;</a>

**Cellular Localization**

Mitochondrion matrix.

**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.

## | Validation Data

## | Contact information

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**TST Rabbit pAb**

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