

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	7263;	Q16762;
	Mouse	22117;	P52196;
	Rat	25274;	P24329;
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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