

Datasheet for ABIN2856290

anti-TST antibody

5 Images

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Overview

Quantity:	100 µL
Target:	TST
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TST antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human TST. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to TST (thiosulfate sulfurtransferase (rhodanese)) TST antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	TST
Alternative Name:	thiosulfate sulfurtransferase (TST Products)

Target Details

Background: 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.

Cellular Localization: Mitochondrion matrix

Molecular Weight: 33 kDa

Gene ID: 7263

UniProt: [Q16762](#)

Application Details

Application Notes: WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Validation: Orthogonal

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.39 mg/mL

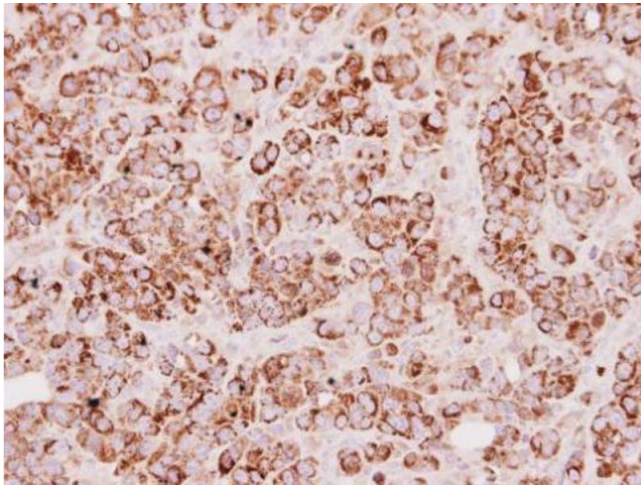
Buffer: 0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

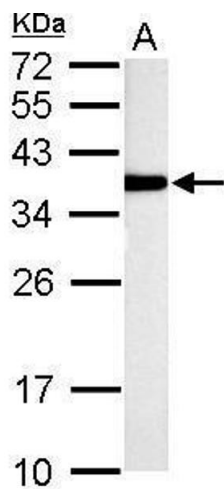
Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



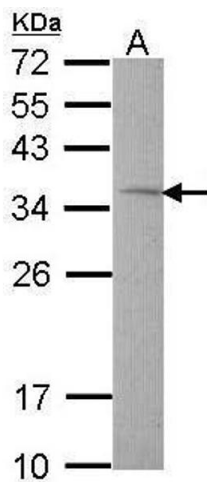
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded MCF7 xenograft, using TST, antibody at 1:250 dilution.



Western Blotting

Image 2. WB Image TST antibody detects TST protein by Western blot analysis. A. 50 µg rat liver lysate/extract 12 % SDS-PAGE TST antibody , dilution: 1:1000



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A: Hep G2 , 12% SDS PAGE antibody diluted at 1:1000

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2856290.