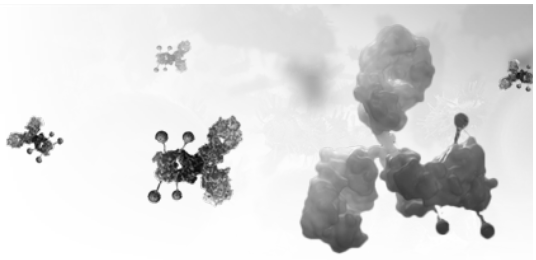

Rabbit Anti-Human TST Polyclonal Antibody (CABT-L2235)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Thiosulfate Sulfurtransferase (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against TST. It has been selected for its ability to recognize TST in immunohistochemical staining and western blotting.
Target	TST
Immunogen	Recombinant fragment corresponding to human TST (Val2~Ala297)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

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Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	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. [provided by RefSeq, Jul 2012]
Keywords	RDS;Rhodanese;Thiosulfate Cyanide Transsulfurase;Thiosulfate Thiotransferase

GENE INFORMATION

Gene Name	TST thiosulfate sulfurtransferase (rhodanese) [Homo sapiens (human)]
Official Symbol	TST
Synonyms	TST; thiosulfate sulfurtransferase (rhodanese); RDS; thiosulfate sulfurtransferase;
Entrez Gene ID	7263
Protein Refseq	NP_001257412
UniProt ID	Q16762
Chromosome Location	22q13.1
Pathway	Cysteine and methionine metabolism; Degradation of cysteine and homocysteine; Metabolic pathways; Metabolism; Metabolism of amino acids and derivatives; Sulfide oxidation to sulfate; Sulfur amino acid metabolism; Sulfur metabolism;
Function	5S rRNA binding; thiosulfate sulfurtransferase activity;

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