

Datasheet for ABIN631012 **anti-TST antibody**

3 Images



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Overview

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

Product Details

Immunogen:	TST antibody was raised using a synthetic peptide corresponding to a region with amino acids GEHLGSFYAPRVWMMFRVFGHRTVSVLNGGFRNWLKEGHPVTSEPSRPEP
Purification:	Affinity purified

Target Details

Target:	TST
Alternative Name:	TST (TST Products)
Background:	TST 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 product contains two highly conservative domains (rhodanese homology domains), suggesting these domains have a common evolutionary origin.
Molecular Weight:	33 kDa (MW of target protein)

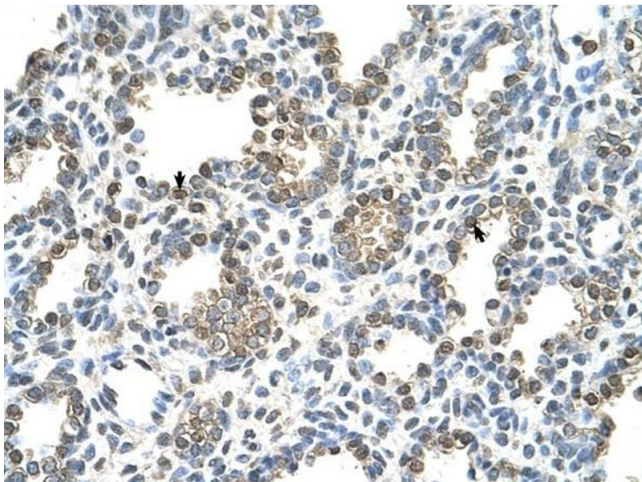
Application Details

Application Notes:	WB: 1 µg/mL, IHC: 4-8 µg/mL Optimal conditions should be determined by the investigator.
Comment:	TST Blocking Peptide, catalog no. 33R-3229, is also available for use as a blocking control in assays to test for specificity of this TST antibody
Restrictions:	For Research Use only

Handling

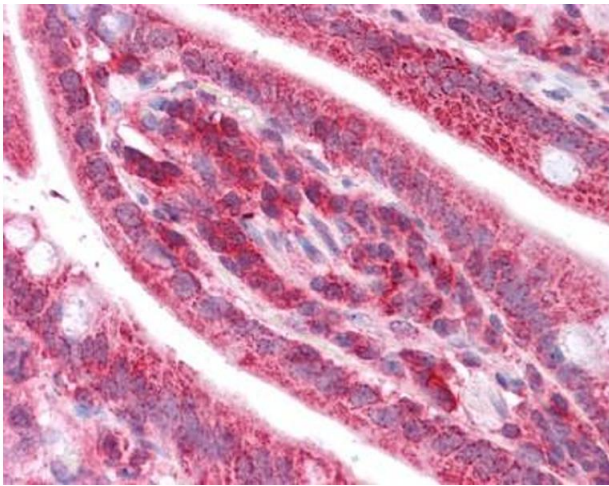
Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of TST antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



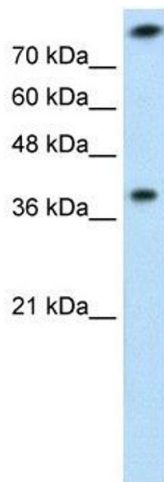
Immunohistochemistry

Image 1. TST antibody was used for immunohistochemistry at a concentration of 4-8 µg/ml to stain Alveolar cells (arrows) in Human Lung. Magnification is at 400X



Immunohistochemistry

Image 2. TST antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml. Magnification is at 400X



Western Blotting

Image 3. TST antibody used at 1 ug/ml to detect target protein.