Datasheet for ABIN7599105

anti-TST antibody (AA 1-220)

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Overview

Quantity:	100 µg
Target:	TST
Binding Specificity:	AA 1-220
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TST antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-TST Antibody Picoband®
Immunogen:	E.coli-derived human TST recombinant protein (Position: M1-D220).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TST Antibody Picoband® (ABIN7599105). Tested in ELISA, IF, IHC, ICC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	TST
Alternative Name:	TST (TST Products)
Background:	Synonyms: Interleukin-22, IL-22, IL-10-related T-cell-derived-inducible factor, IL-TIF, IL-TIF alpha, Interleukin-22a, IL-22a, Il22, Il22a, Iltif, Iltifa Background: 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.
Molecular Weight:	34 kDa
Gene ID:	7263
UniProt:	Q16762

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Immunofluorescence, 5 µg/mL, Human ELISA, 0.1-0.5 µg/mL, - 1. Aita, N., Ishii, K., Akamatsu, Y., Ogasawara, Y., Tanabe, S. Cloning and expression of human liver rhodanese cDNA. Biochem. Biophys. Res. Commun. 231: 56-60, 1997. 2. Aminlari, M., Malekhusseini, A., Akrami, F., Ebrahimnejad, H. Cyanide-metabolizing enzyme rhodanese in human tissues: comparison with domestic animals. Comp. Clin. Path. 16: 47-51, 2007. 3. Cagianut, B., Rhyner, K., Furrer, W., Schnebli, H. P. Thiosulphate-sulphur transferase (rhodanese) deficiency in Leber's hereditary optic atrophy. (Letter) Lancet 318: 981-982, 1981. Note: Originally Volume II.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL

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Handling

Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.

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