

Datasheet for ABIN7238438

anti-TXN antibody

3 Images

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Overview

Quantity:	200 µL
Target:	TXN
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TXN antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide of human TXN
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	TXN
Alternative Name:	TXN (TXN Products)
Background:	<p>The protein encoded by this gene acts as a homodimer and is involved in many redox reactions. The encoded protein is active in the reversible S-nitrosylation of cysteines in certain proteins, which is part of the response to intracellular nitric oxide. This protein is found in the cytoplasm.</p> <p>Two transcript variants encoding different isoforms have been found for this gene. Plays a role</p>

Target Details

in the reversible S-nitrosylation of cysteine residues in target proteins, and thereby contributes to the response to intracellular nitric oxide. Nitrosylates the active site Cys of CASP3 in response to nitric oxide (NO), and thereby inhibits caspase-3 activity.

Molecular Weight: 12 kDa

NCBI Accession: [NP_003320](#)

UniProt: [P10599](#)

Pathways: [Carbohydrate Homeostasis](#), [Cell RedoxHomeostasis](#)

Application Details

Application Notes: WB 1:1000-1:5000, IHC 1:50-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.3 mg/mL

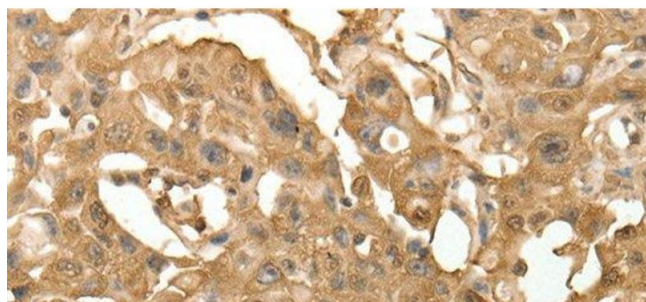
Buffer: PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

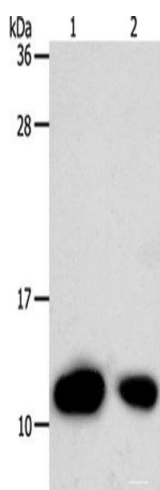
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



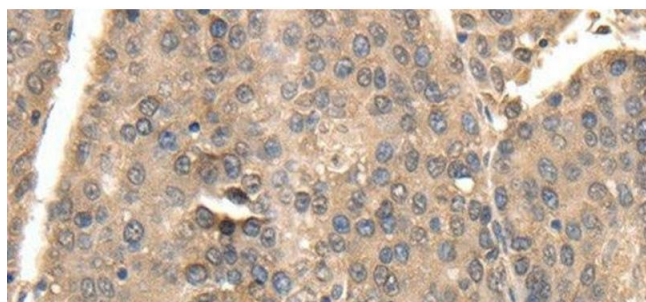
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human lung cancer using TXN Polyclonal Antibody at dilution of 1:40



Western Blotting

Image 2. Western Blot analysis of Hela cell and Human liver cancer tissue using TXN Polyclonal Antibody at dilution of 1:700



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human liver cancer using TXN Polyclonal Antibody at dilution of 1:40