

Datasheet for ABIN356856
anti-TXN2 antibody (C-Term)



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Overview

Quantity:	0.4 mL
Target:	TXN2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TXN2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human Trx2.
Isotype:	Ig Fraction
Specificity:	This antibody is specific to Thioredoxin 2 (Trx2) (C-term).
Purification:	Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	TXN2
Alternative Name:	Thioredoxin-2 / TRX2 (TXN2 Products)

Target Details

Background: TRX2 is a mitochondrial member of the thioredoxin family, a group of small multifunctional redox-active proteins. The encoded protein may play important roles in the regulation of the mitochondrial membrane potential and in protection against oxidant-induced apoptosis. Synonyms: TXN2, mitochondrial Thioredoxin

Gene ID: 25828, 9606

UniProt: [Q99757](#)

Pathways: [Cell Redox Homeostasis](#)

Application Details

Application Notes: ELISA: 1/1,000. Western blot: 1/100-1/500.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative.

Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

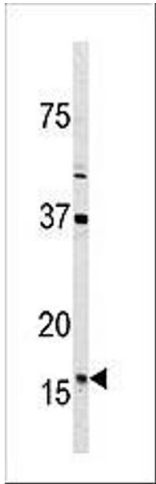


Image 1.