

Thioredoxin 1 (Trx1/TXN) Antibody

CAB7638

Description

This Thioredoxin 1 (Trx1/TXN) Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB7638
Contents:	20 μ L, 100 μ L Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	TRX, TRDX, TRX1, Trx80, Thioredoxin 1 (Trx1/TXN)
Clone:	-
Applications:	WB IHC-P IF/ICC IP ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse

Antibody Data

Gene ID:	7295
Uniprot:	AB_2768150
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	12kDa
Calculated MW:	12kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

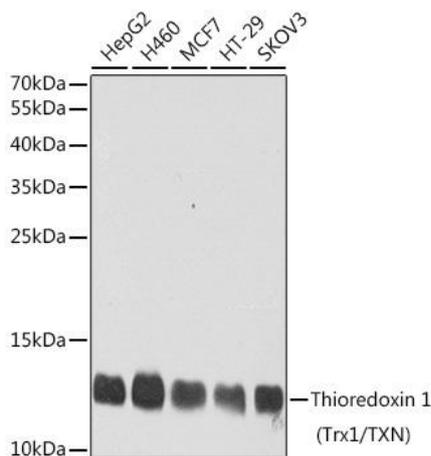
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: HepG2, H460, MCF7, HT-29, SKOV3

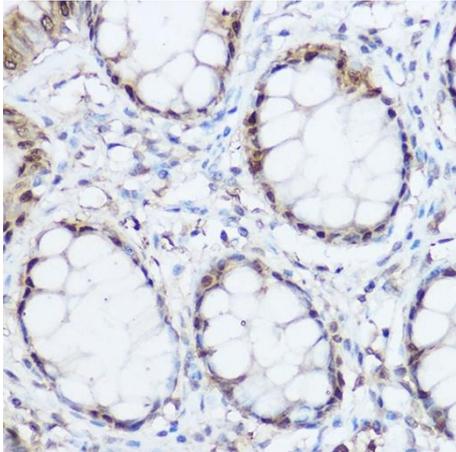
Recommended Dilutions:	WB	1:500 - 1:2000
	IHC-P	1:100 - 1:500
	IF/ICC	1:50 - 1:200
	IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

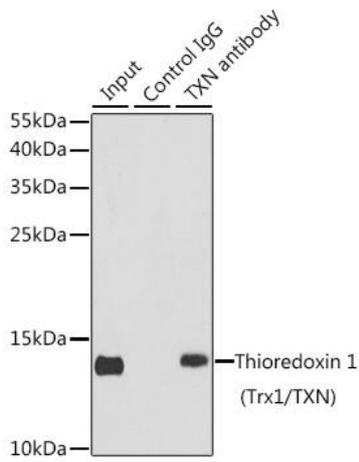
Validation Data



Western blot analysis of various lysates using Thioredoxin 1 (Trx1/TXN) Rabbit pAb (CAB7638) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Human colon using Thioredoxin 1 (Trx1/Thioredoxin 1 (Trx1/TXN)) Rabbit pAb (CAB7638) at dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunoprecipitation analysis of 150 μ g extracts of cells using 3 μ g Thioredoxin 1 (Trx1/Thioredoxin 1 (Trx1/TXN)) antibody (CAB7638). Western blot was performed from the immunoprecipitate using Thioredoxin 1 (Trx1/Thioredoxin 1 (Trx1/TXN)) antibody (CAB7638) at a dilution of 1:500.