

Thioredoxin / TXN Antibody, Rabbit PAb, Antigen Affinity Purified



Sino Biological
Biological Solution Specialist

Catalog Number: 10384-RP02

GENERAL INFORMATION

Immunogen:	Recombinant Human Thioredoxin / TXN protein (Catalog#10384-HNAE)
Preparation	Produced in rabbits immunized with purified, recombinant Human Thioredoxin / TXN (rh Thioredoxin / TXN; Catalog#10384-HNAE; P10599; Met 1-Val 105). Thioredoxin / TXN specific IgG was purified by Human Thioredoxin / TXN affinity chromatography.
Ig Type:	Rabbit IgG
Specificity:	Human Thioredoxin / TXN
Formulation:	0.2 µm filtered solution in PBS
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

APPLICATIONS

Applications: WB,ELISA,IP

RECOMMENDED CONCENTRATION

Western Blot	WB: 1:2000-1:10000
Immunoprecipitation	IP: 0.5-1 µL/mg of lysate
ELISA	ELISA: 1:5000-1:10000 This antibody can be used at 1:5000-1:10000 with the appropriate secondary reagents to detect Human TXN.

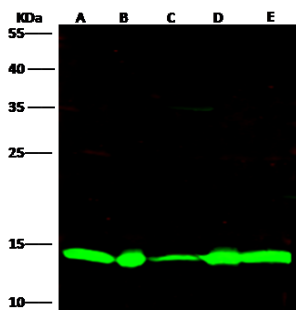
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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Anti-TXN rabbit polyclonal antibody at 1:5000 dilution

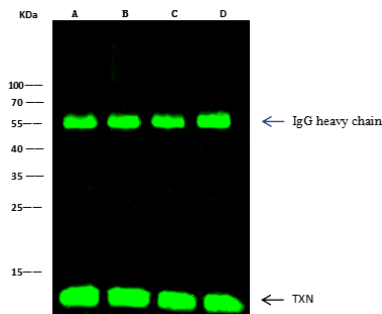
Lane A: HeLa Whole Cell Lysate
Lane B: TPH-1 Whole Cell Lysate
Lane C: A431 Whole Cell Lysate

Lysates/proteins at 30 µg per lane.
Secondary

Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.

Developed using the Odyssey technique.
Performed under reducing conditions.

Predicted band size:12 kDa
Observed band size:14 kDa



TXN was immunoprecipitated using:

Lane A:0.5 mg HeLa Whole Cell Lysate
Lane B:0.5 mg HepG2 Whole Cell Lysate
Lane C:0.5 mg MCF-7 Whole Cell Lysate
Lane D:0.5 mg THP-1 Whole Cell Lysate

2 µL anti-TXN rabbit polyclonal antibody and 15 µl of 50 % Protein G agarose.

Primary antibody:

Anti-TXN rabbit polyclonal antibody,at 1:100 dilution

Secondary antibody:

Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution

Developed using the odssey technique.
Performed under reducing conditions.

Predicted band size: 13 kDa
Observed band size: 13 kDa