

Datasheet for ABIN7429172
anti-TXN antibody (AA 1-105)[Go to Product page](#)

3 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | TXN |
| Binding Specificity: | AA 1-105 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TXN antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

| | |
|-------------------|--|
| Purpose: | Polyclonal Antibody to Thioredoxin (Trx) |
| Immunogen: | Recombinant Thioredoxin (Trx) corresponding to Met1~Val105 with N-terminal His Tag |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against Trx. It has been selected for its ability to recognize Trx in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Mouse, Rat |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

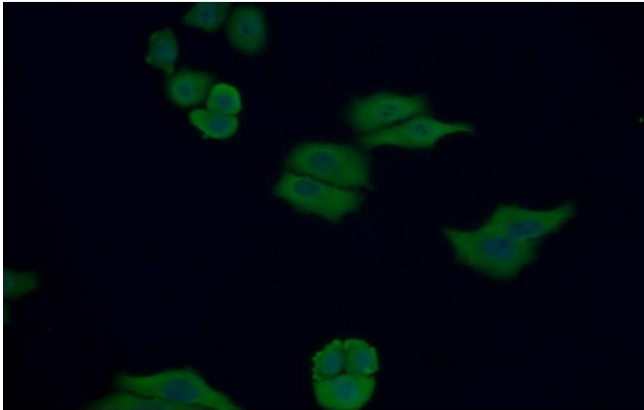
| | |
|-------------------|--|
| Target: | TXN |
| Alternative Name: | Thioredoxin (TXN Products) |
| Background: | TXN, ADF, SASP, TRDX, TRX1, ATL-derived factor, Surface-associated sulphhydryl protein |
| Pathways: | Carbohydrate Homeostasis , Cell RedoxHomeostasis |

Application Details

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|--------------------|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

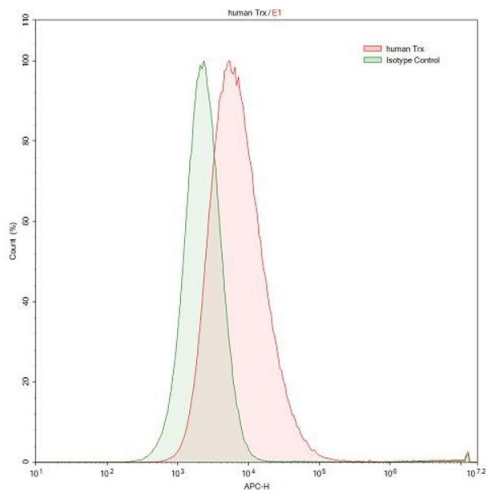
Handling

| | |
|--------------------|---|
| Format: | Liquid |
| Buffer: | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



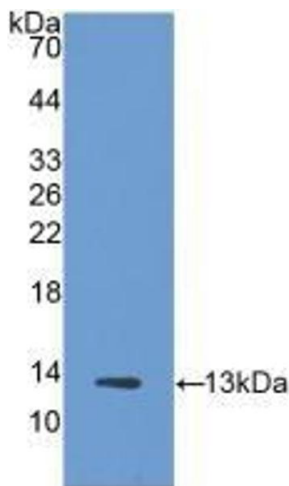
Immunohistochemistry

Image 1. Detection of Trx in Human MCF7 cell using Polyclonal Antibody to Thioredoxin (Trx)



Flow Cytometry

Image 2. Detection of Trx in HepG2 human hepatocellular carcinoma cell line using Polyclonal Antibody to Thioredoxin (Trx)



Western Blotting

Image 3. Detection of Recombinant Trx, Human using Polyclonal Antibody to Thioredoxin (Trx)