

For Research Use Only

# TXNDC17 Polyclonal antibody

Catalog Number: 20811-1-AP

1 Publications



## Basic Information

Catalog Number:

20811-1-AP

Size:

650 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14766

GenBank Accession Number:

BC006405

GeneID (NCBI):

84817

UNIPROT ID:

Q9BRA2

Full Name:

thioredoxin domain containing 17

Calculated MW:

123 aa, 14 kDa

Observed MW:

14 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:5000-1:50000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC 1:50-1:500

## Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

mouse

Positive Controls:

WB : A549 cells, HEK-293 cells, HeLa cells, human kidney tissue, human uterus tissue, Jurkat cells, K-562 cells, L02 cells, mouse pancreas tissue

IP : HEK-293 cells,

IF/ICC : HepG2 cells, HeLa cells

## Background Information

TXNDC17 also known as TRP14, TXNL5, belongs to the thioredoxin family. TRP14 is a widely expressed, 123-amino acid protein with a WCPDC motif. TXNDC17 has a thioredoxin fold and a TRX-like active-site sequence (PMID: 14607844, 24778250).

## Notable Publications

Author	Pubmed ID	Journal	Application
Sania Bajaj	32167845	Int J Radiat Biol	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

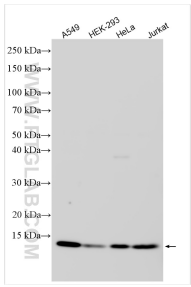
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

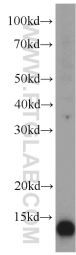
W: [ptgcn.com](http://ptgcn.com)

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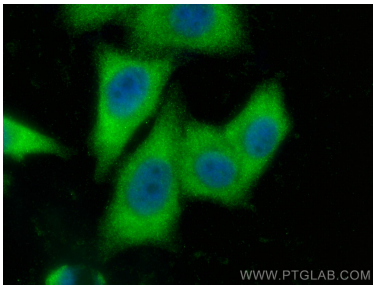
Selected Validation Data



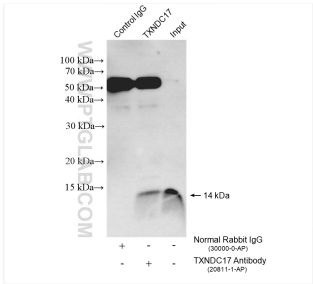
Various lysates were subjected to SDS PAGE followed by western blot with 20811-1-AP (TXNDC17 antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



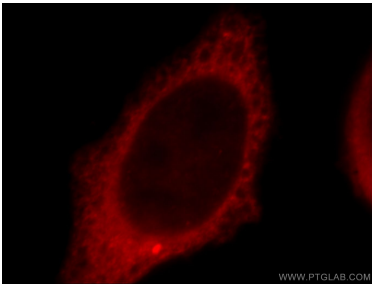
Jurkat cells were subjected to SDS PAGE followed by western blot with 20811-1-AP (TXNDC17 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using TXNDC17 antibody (20811-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).



IP result of anti-TXNDC17 (IP:20811-1-AP, 4ug; Detection:20811-1-AP 1:6000) with HEK-293 cells lysate 1575 ug.



Immunofluorescent analysis of HeLa cells, using TXNDC17 antibody 20811-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).