

For Research Use Only

TXNDC17 Polyclonal antibody

Catalog Number: 20811-1-AP

1 Publications



Basic Information

Catalog Number: 20811-1-AP	GenBank Accession Number: BC006405	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 ug/ml by Nanodrop and 313 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 84817	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
Source: Rabbit	UNIPROT ID: Q9BRA2	
Isotype: IgG	Full Name: thioredoxin domain containing 17	
Immunogen Catalog Number: AG14766	Calculated MW: 123 aa, 14 kDa	
	Observed MW: 14 kDa	

Applications

Tested Applications: WB, IF/ICC, IP, ELISA	Positive Controls:
Cited Applications: WB	WB : A549 cells, HEK-293 cells, HeLa cells, human kidney tissue, human uterus tissue, Jurkat cells, K-562 cells, L02 cells, mouse pancreas tissue
Species Specificity: human, mouse, rat	IP : HEK-293 cells,
Cited Species: mouse	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

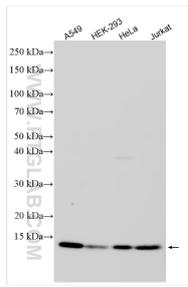
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

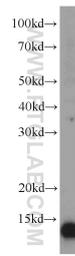
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

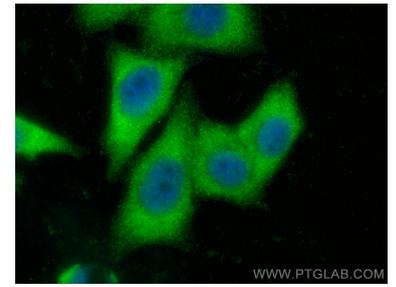
Selected Validation Data



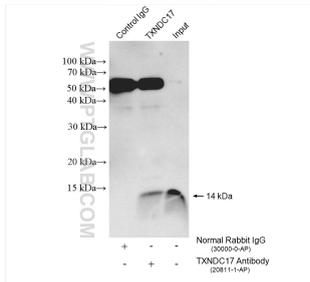
Various lysates were subjected to SDS PAGE followed by western blot with 20811-1-AP (TXNDC17 antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



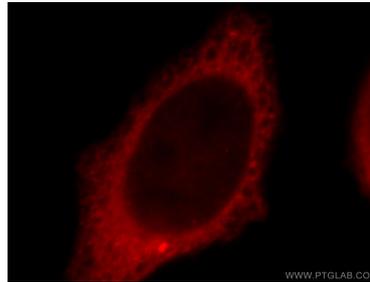
Jurkat cells were subjected to SDS PAGE followed by western blot with 20811-1-AP (TXNDC17 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



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).