

For Research Use Only

TRX2/TXN2 Recombinant antibody

Catalog Number: 85212-2-RR



Basic Information

Catalog Number: 85212-2-RR	GenBank Accession Number: BC013726	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 25828	CloneNo.: 242707H4
Source: Rabbit	UNIPROT ID: Q99757	Recommended Dilutions: WB: 1:2000-1:10000
Isotype: IgG	Full Name: thioredoxin 2	
Immunogen Catalog Number: AG3640	Calculated MW: 166 aa, 18 kDa	
	Observed MW: 12 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, HEK-293 cells, Raji cells, L02 cells, C2C12 cells, COS-7 cells, Vero cells
Species Specificity: human, mouse, monkey	

Background Information

TXN2 (Thioredoxin-2) is also named as TRX2, MTRX, Mt-TRX, and regulates the mitochondrial redox state and plays an important role in cell proliferation. It has been shown that cells conditionally deficient in Trx2 undergo apoptosis in the absence of exogenous stress, accompanied by an accumulation of intracellular ROS, the activation of caspase 9 and caspase 3, and the release of cytochrome c into the cytosol. (PMID: 18441302).

Storage

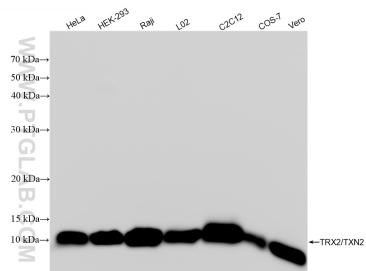
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85212-2-RR (TRX2/TXN2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.