

TXNL6 Polyclonal antibody

Catalog Number: 11203-1-AP

2 Publications

Basic Information

Catalog Number:

11203-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1691

GenBank Accession Number:

BC014127

GeneID (NCBI):

115861

UNIPROT ID:

Q96CM4

Full Name:

nucleoredoxin-like 1

Calculated MW:

24 kDa

Observed MW:

26-28 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

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

IHC 1:20-1:200

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse

Cited Species:

human, pig

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse brain tissue, HeLa cells

IP : mouse brain tissue,

IHC : human breast cancer tissue,

Background Information

TXNL6, also named as NXNL1, belongs to the nucleoredoxin family. It may play a role in cone cell viability, slowing down cone degeneration, does not seem to play a role in degenerating rods. TXNL6 is a Novel Oxidative Stress-Induced Reducing System for Methionine Sulfoxide Reductase A Repair of a-Crystallin and Cytochrome C in the Eye Lens. It serve as a reducing system for MsrA repair of the essential lens chaperone a-crystallin/sHSP and mitochondrial cytochrome c. TXNL6 is induced at high levels in human lens epithelial cells exposed to H2O2-induced oxidative stress.(PMID:21079812)

Notable Publications

Author	Pubmed ID	Journal	Application
Brennan Lisa A LA	21079812	PLoS One	WB,IF
Wei Wang	27050517	Cell Rep	IF

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

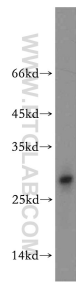
For technical support and original validation data for this product please contact:

T: 4006900926

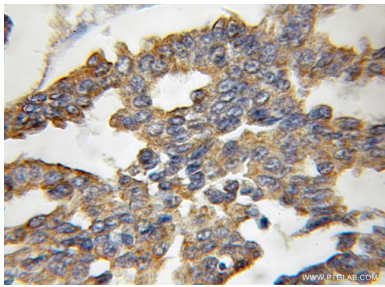
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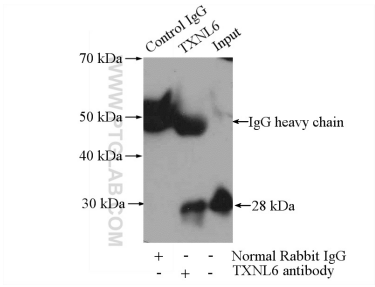
Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 11203-1-AP (TXNL6 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer using 11203-1-AP (TXNL6 antibody) at dilution of 1:100 (under 10x lens).



IP result of anti-TXNL6 (IP:11203-1-AP, 4ug; Detection:11203-1-AP 1:500) with mouse brain tissue lysate 4000ug.