

TXNL6 Polyclonal Antibody

Catalog number: 11203-1-AP

Size: 41 µg/150 µl

Source: Rabbit

Isotype: IgG

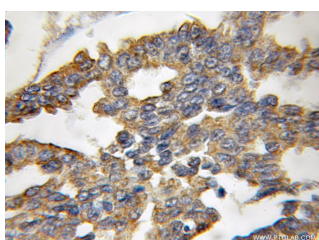
Synonyms:

NXNL1; nucleoredoxin like 1,

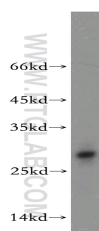
Nucleoredoxin like protein 1,

NXNL1, RDCVF, Thioredoxin

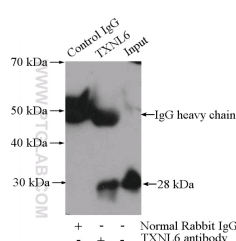
like protein 6, TXNL6



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



mouse brain tissue were subjected to SDS PAGE followed by western blot with 11203-1-AP (TXNL6 antibody) at dilution of 1:800



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

Background

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)

Applications

Tested applications:	ELISA, WB, IHC, IP
Cited applications:	IF, WB
Species specificity:	Human, Mouse; other species not tested.
Cited species:	Human
Calculated TXNL6 MW:	24 kDa
Observed TXNL6 MW:	26-28kd
Positive WB detected in	Mouse brain tissue, HeLa cells
Positive IP detected in	Mouse brain tissue
Positive IHC detected in	Human breast cancer tissue
Recommended dilution:	WB: 1:500-1:5000
	IP: 1:200-1:2000
	IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1691
GenBank accession number:	BC014127
Gene ID (NCBI):	115861
Full name:	Nucleoredoxin-like 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.