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Datasheet for ABIN7117061 **anti-NXNL1 antibody**

Overview

Quantity:	100 µg
Target:	NXNL1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NXNL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	nucleoredoxin-like 1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	NXNL1
Alternative Name:	TXNL6 (NXNL1 Products)
Background:	Synonyms:Nucleoredoxin like 1, Nucleoredoxin like protein 1, NXNL1, RDCVF, Thioredoxin like protein 6, TXNL6 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

Target Details

System for Methionine Sulfoxide Reductase A Repair of α -Crystallin and Cytochrome C in the Eye Lens. It serve as a reducing system for MsrA repair of the essential lens chaperone α -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)

Molecular Weight: 28 kDa

UniProt: [Q96CM4](#)

Application Details

Application Notes: WB: 1:500-1:5000, IHC: 1:20-1:200, IP: 1:200-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months