

**NXNL1 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP17740c**

**Specification**

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**NXNL1 Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O96CM4</a>
Other Accession	<a href="#">NP_612463.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	23943
Antigen Region	94-121

**NXNL1 Antibody (Center) - Additional Information**

**Gene ID** 115861

**Other Names**

Nucleoredoxin-like protein 1, Thioredoxin-like protein 6, NXNL1, TXNL6

**Target/Specificity**

This NXNL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 94-121 amino acids from the Central region of human NXNL1.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

NXNL1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**NXNL1 Antibody (Center) - Protein Information**

**Name** NXNL1

**Synonyms** TXNL6

**Function** Plays an important role in retinal cone photoreceptor survival (PubMed:[25957687](#)). In association with glucose transporter SLC16A1/GLUT1 and BSG, promotes retinal cone survival by enhancing aerobic glycolysis and accelerating the entry of glucose into photoreceptors (PubMed:[25957687](#)). May play a role in cone cell viability, slowing down cone degeneration, does not seem to play a role in degenerating rods (By similarity).

#### **Cellular Location**

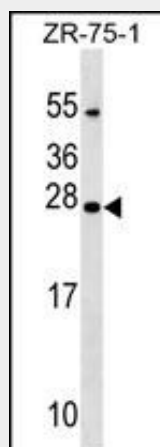
Cell projection, cilium, photoreceptor outer segment {ECO:0000250|UniProtKB:Q8VC33}

#### **NXNL1 Antibody (Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **NXNL1 Antibody (Center) - Images**



NXNL1 Antibody (Center) (Cat. #AP17740c) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the NXNL1 antibody detected the NXNL1 protein (arrow).

#### **NXNL1 Antibody (Center) - Background**

NXNL1 may play a role in cone cell viability, slowing down cone degeneration, does not seem to play a role in degenerating rods (By similarity).

#### **NXNL1 Antibody (Center) - References**

Reichman, S., et al. Hum. Mol. Genet. 19(2):250-261(2010)  
Bin, J., et al. Hum. Mutat. 30 (7), E737-E746 (2009) :  
Wang, X.W., et al. Free Radic. Biol. Med. 45(3):336-344(2008)  
Lamesch, P., et al. Genomics 89(3):307-315(2007)  
Roni, V., et al. BMC Genomics 8, 42 (2007) :