

# NXNL1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP17740c

## Product Information

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Application	WB, E
Primary Accession	<a href="#">Q96CM4</a>
Other Accession	<a href="#">NP_612463.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37948
Calculated MW	23943
Antigen Region	94-121

## Additional Information

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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 E~~Use at an assay dependent concentration.
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.

## Protein Information

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Name	NXNL1
Synonyms	TXNL6
Function	Plays an important role in retinal cone photoreceptor survival (PubMed: <a href="#">25957687</a> ). 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}

## Background

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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).

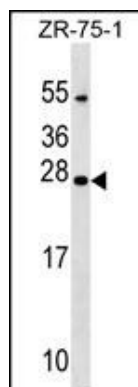
## References

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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) :

## Images

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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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.