

NXNL1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17740c**Specification**

NXNL1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q96CM4](#)

NXNL1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 115861

Other Names

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

NXNL1 Antibody (Center) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

NXNL1 Antibody (Center) Blocking Peptide - Images

NXNL1 Antibody (Center) Blocking Peptide - 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) Blocking Peptide - 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) :