NXNL1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NXNL1, Polyclonal Antibody
Full Product Name	NXNL1, ID (NXNL1, TXNL6, Nucleoredoxin-like protein 1, Thioredoxin-like protein 6) (MaxLight 490)
Product Gene Name	anti-NXNL1 antibody
Product Synonym Names	NXNL1; TXNL6; Nucleoredoxin-like protein 1; Thioredoxin-like protein 6
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	23,943 Da
OMIM	608791
3D Structure	ModBase 3D Structure for Q96CM4
Immunogen	NXNL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 93-121 amino acids from the Central region of human NXNL1.
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-NXNL1 antibody	Antibodies; Thioredoxin
Applications Tested/Suitable for anti-NXNL1 antibody	Western Blot (WB), FLISA
Application Notes for anti-NXNL1 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-NXNL1 antibody	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).
Product References and Citations for anti-NXNL1 antibody	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).
Other Notes	Small volumes of anti-NXNL1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for NXNL1 purchase	MBS6327387 is an antibody targeting NXNL1. Also known as NXNL1, ID (NXNL1, TXNL6, Nucleoredoxin-like protein 1, Thioredoxin-like protein 6) (MaxLight 490). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NXNL1. It may not necessarily be applicable to this product.

NCBI GI #	19923987
NCBI GeneID	115861
NCBI Accession #	NP_612463.1
UniProt Primary Accession #	Q96CM4
UniProt Secondary Accession #	Q0QD37
UniProt Related Accession #	Q96CM4
GenBank Nucleotide #	NM_138454.1
NCBI Official Full Name	nucleoredoxin-like protein 1
NCBI Official Synonym Full Names	nucleoredoxin-like 1
NCBI Official Symbol	NXNL1
NCBI Official Synonym Symbols	RDCVF; TXNL6
UniProt Protein Name	Nucleoredoxin-like protein 1
UniProt Synonym Protein Names	Thioredoxin-like protein 6
Protein Family	Nucleoredoxin-like protein
UniProt Gene Name	NXNL1
UniProt Synonym Gene Names	TXNL6
UniProt Entry Name	NXNL1_HUMAN
NCBI Protein Information	nucleoredoxin-like protein 1; thioredoxin-like 6; thioredoxin-like protein 6; rod-derived cone viability factor
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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