NXNL2 Antibody (Center) Blocking Peptide

PRODUCT OVERVIEW

Product Name	NXNL2, Blocking Peptide
Full Product Name	NXNL2 Antibody (Center) Blocking Peptide
Product Gene Name	NXNL2 blocking peptide
Product Synonym Gene Name	C9orf121
Product Synonym Names	Nucleoredoxin-like protein 2; Rod-derived cone viability factor 2; RdCVF2; NXNL2; C9orf121
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 1 mg/ml.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.
Antibody/Peptide Pairs	NXNL2 peptide (MBS9217691) is used for blocking the activity of NXNL2 antibody (MBS9212080)
Molecular Weight	14,711 Da
OMIM	615299
Related Product Information for NXNL2 blocking peptide	May be involved in the maintenance of both the function and the viability of sensory neurons, including photoreceptors and olfactory neurons.
Other Notes	Small volumes of NXNL2 blocking peptide 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 NXNL2 purchase	MBS9217691 is a blocking peptide targeting NXNL2. Also known as NXNL2 Antibody (Center) Blocking Peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NXNL2. It may not necessarily be applicable to this product.

NCBI GI #	239735607
NCBI GeneID	158046
NCBI Accession #	NP_660326.2
UniProt Primary Accession #	Q5VZ03
UniProt Secondary Accession #	Q8TBG6; B1AMD0
UniProt Related Accession #	Q5VZ03
GenBank Nucleotide #	NM_145283.2
NCBI Official Full Name	nucleoredoxin-like protein 2 isoform 2
NCBI Official Synonym Full Names	nucleoredoxin-like 2
NCBI Official Symbol	NXNL2
NCBI Official Synonym Symbols	RDCVF2; C9orf121
UniProt Protein Name	Nucleoredoxin-like protein 2
UniProt Synonym Protein Names	Rod-derived cone viability factor 2; RdCVF2
Protein Family	Nucleoredoxin-like protein

UniProt Gene Name	NXNL2
UniProt Synonym Gene Names	C9orf121; RdCVF2
UniProt Entry Name	NXNL2_HUMAN
NCBI Protein Information	nucleoredoxin-like protein 2
UniProt Comments for NXNL2	NXNL2: Belongs to the nucleoredoxin family. 2 isoforms of the human protein are produced by alternative splicing. Chromosomal Location of Human Ortholog: 9q22.1
Research Articles on NXNL2	**1.** regulation of the Nucleoredoxin-like genes involves a CRX responsive element that can act as both as a positive regulator of promoter activity and as a modulator of cell-type specificity
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