10320 Camino Santa Fe, Suite G
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NYX Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP9483a

Specification

NYX Antibody (N-term) Blocking Peptide - Product Information

Primary Accession	Q9GZU5
Other Accession	NP_072089

NYX Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 60506

Other Names
Nyctalopin, NYX, CLRP

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.

NYX Antibody (N-term) Blocking Peptide - Protein Information

Name NYX

Synonyms CLRP

Cellular Location
Secreted, extracellular space, extracellular matrix

Tissue Location
Expressed in kidney and retina. Also at low levels in brain, testis and muscle. Within the retina, expressed in the inner segment of photoreceptors, outer and inner nuclear layers and the ganglion cell layer.

NYX Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

NYX Antibody (N-term) Blocking Peptide - Images

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NYX Antibody (N-term) Blocking Peptide - Background

The product of this gene belongs to the small leucine-rich proteoglycan (SLRP) family of proteins. Defects in this gene are the cause of congenital stationary night blindness type 1 (CSNB1), also called X-linked congenital stationary night blindness (XLCSNB). CSNB1 is a rare inherited retinal disorder characterized by impaired scotopic vision, myopia, hyperopia, nystagmus and reduced visual acuity. The role of other SLRP proteins suggests that mutations in this gene disrupt developing retinal interconnections involving the ON-bipolar cells, leading to the visual losses seen in patients with complete CSNB. [provided by RefSeq].

NYX Antibody (N-term) Blocking Peptide - References

??eroy, B.P., et al. Br J Ophthalmol 93(5):692-696(2009)??hang, Q., et al. Mol. Vis. 13, 330-336 (2007) ??organs, C.W., et al. Eur. J. Neurosci. 23(5):1163-1171(2006)??iao, X., et al. J. Hum. Genet. 51(7):634-640(2006)