

Datasheet for ABIN953798
anti-Nyctalopin antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	0.4 mL
Target:	Nyctalopin (NYX)
Binding Specificity:	AA 59-89, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Nyctalopin antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 59~89 amino acids from the N-terminal region of Human Nyctalopin. Genename: NYX
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Nyctalopin (N-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	Nyctalopin (NYX)
Alternative Name:	Nyctalopin (NYX Products)
Background:	The product of this gene belongs to the small leucine-rich proteoglycan (SLRP) family of

Target Details

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]. Synonyms: CLRP, NYX

Molecular Weight: 52000 Da

Gene ID: 60506

NCBI Accession: [NP_072089](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

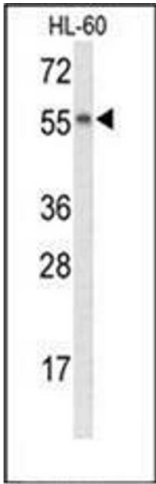
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of Nyctalopin Antibody (N-term) in HL-60 cell line lysates (35ug/lane). NYX (arrow) was detected using the purified Pab.