

Datasheet for ABIN653436
anti-Nyctalopin antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	Nyctalopin (NYX)
Binding Specificity:	AA 53-80, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Nyctalopin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This NYX antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 53-80 amino acids from the N-terminal region of human NYX.
Clone:	RB23621
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Nyctalopin (NYX)
Alternative Name:	NYX (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].

Molecular Weight: 52000

Gene ID: 60506

NCBI Accession: [NP_072089](#)

UniProt: [Q9GZU5](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

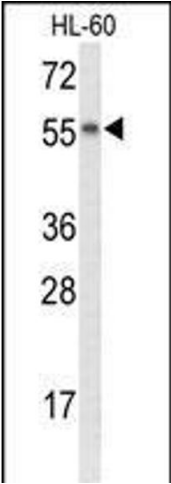
Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Western Blotting

Image 1. Western blot analysis of NYX Antibody (N-term) (ABIN653436 and ABIN2842877) in HL-60 cell line lysates (35 µg/lane). NYX (arrow) was detected using the purified Pab.