

NYX

Reactivity: Human Mouse

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:100

Calculated MW: 52kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human NYX

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CLRP; NBM1; CSNB1; CSNB4; CSNB1A;

Catalog #: A7830

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 60506

Isotype: IgG

Swiss Prot: Q9GZU5

Purity: Affinity purification

For research use only.

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.

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