

Rabbit anti-Human, Mouse NYX Polyclonal Antibody | anti-NYX antibody

NYX Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280308	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

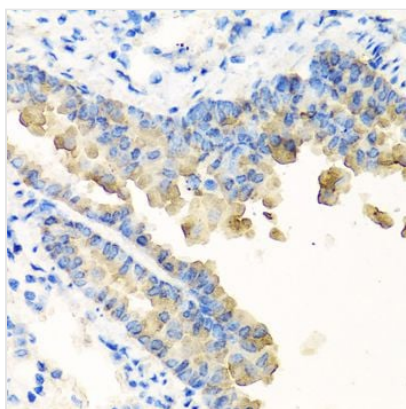
PRODUCT SYNONYMS

NYX; Polyclonal Antibody; NYX Polyclonal Antibody; anti-NYX antibody

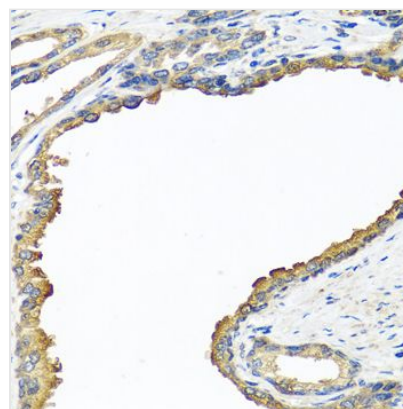
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	481
Applicable Applications for anti-NYX antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human NYX
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

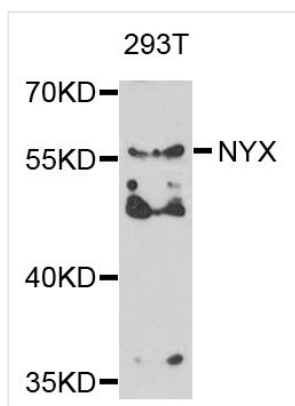
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse lung using NYX antibody at dilution of 1:100 (40x lens).


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate using NYX antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of 293T cells, using NYX antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-NYX antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	12007646
NCBI GeneID	60506
NCBI Accession #	NP_072089.1
NCBI GenBank Nucleotide #	NM_022567.2
UniProt Accession #	Q9GZU5; Q2M1S4; Q5H983; Q9H4J0; D3DWC0
Molecular Weight	52kDa
NCBI Official Full Name	nyctalopin
NCBI Official Synonym Full Names	nyctalopin
NCBI Official Symbol	NYX
NCBI Official Synonym Symbols	CLRP; NBM1; CSNB1; CSNB4; CSNB1A
NCBI Protein Information	nyctalopin
UniProt Protein Name	Nyctalopin
UniProt Gene Name	NYX
UniProt Synonym Gene Names	CLRP
UniProt Entry Name	NYX_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.