

NIX Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP11786c**Specification**

NIX Antibody (Center) Blocking peptide - Product InformationPrimary Accession [O60238](#)**NIX Antibody (Center) Blocking peptide - Additional Information****Gene ID** 665**Other Names**

BCL2/adenovirus E1B 19 kDa protein-interacting protein 3-like, Adenovirus E1B19K-binding protein B5, BCL2/adenovirus E1B 19 kDa protein-interacting protein 3A, NIP3-like protein X, NIP3L, BNIP3L, BNIP3A, BNIP3H, NIX

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.

NIX Antibody (Center) Blocking peptide - Protein Information**Name** BNIP3L**Synonyms** BNIP3A, BNIP3H, NIX**Function**

Induces apoptosis. Interacts with viral and cellular anti- apoptosis proteins. Can overcome the suppressors BCL-2 and BCL-XL, although high levels of BCL-XL expression will inhibit apoptosis. Inhibits apoptosis induced by BNIP3. Involved in mitochondrial quality control via its interaction with SPATA18/MIEAP: in response to mitochondrial damage, participates in mitochondrial protein catabolic process (also named MALM) leading to the degradation of damaged proteins inside mitochondria. The physical interaction of SPATA18/MIEAP, BNIP3 and BNIP3L/NIX at the mitochondrial outer membrane regulates the opening of a pore in the mitochondrial double membrane in order to mediate the translocation of lysosomal proteins from the cytoplasm to the mitochondrial matrix. May function as a tumor suppressor.

Cellular Location

Nucleus envelope. Endoplasmic reticulum. Mitochondrion outer membrane. Membrane; Single-pass membrane protein. Note=Colocalizes with SPATA18 at the mitochondrion outer membrane

NIX Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

NIX Antibody (Center) Blocking peptide - Images**NIX Antibody (Center) Blocking peptide - Background**

NUP160 is 1 of up to 60 proteins that make up the 120-MD nuclear pore complex, which mediates nucleoplasmic transport.

NIX Antibody (Center) Blocking peptide - References

Mishra, R.K., et al. Nat. Cell Biol. 12(2):164-169(2010) Platani, M., et al. Mol. Biol. Cell 20(24):5260-5275(2009) Leksa, N.C., et al. Structure 17(8):1082-1091(2009) Zuccolo, M., et al. EMBO J. 26(7):1853-1864(2007) Glavy, J.S., et al. Proc. Natl. Acad. Sci. U.S.A. 104(10):3811-3816(2007)