

BNIP2 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13384b**Specification**

BNIP2 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q12982](#)**BNIP2 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 663**Other Names**

BCL2/adenovirus E1B 19 kDa protein-interacting protein 2, BNIP2, NIP2

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13384b was selected from the C-term region of BNIP2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

BNIP2 Antibody (C-term) Blocking peptide - Protein Information**Name** BNIP2**Synonyms** NIP2**Function**

Implicated in the suppression of cell death. Interacts with the BCL-2 and adenovirus E1B 19 kDa proteins.

Cellular Location

Cytoplasm. Cytoplasm, perinuclear region. Note=Localizes to the nuclear envelope region and to other cytoplasmic structures

BNIP2 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

BNIP2 Antibody (C-term) Blocking peptide - Images

BNIP2 Antibody (C-term) Blocking peptide - Background

This gene is a member of the BCL2/adenovirus E1B 19kd-interacting protein (BNIP) family. Though the specific function is unknown, it interacts with the E1B 19 kDa protein which is responsible for the protection of virally-induced cell death, as well as E1B 19 kDa-like sequences of BCL2, also an apoptotic protector.

BNIP2 Antibody (C-term) Blocking peptide - References

Scott, G.B., et al. Biochem. J. 431(3):423-431(2010) Shimada, M., et al. Hum. Genet. 128(4):433-441(2010) Valencia, C.A., et al. Biochem. Biophys. Res. Commun. 364(3):495-501(2007) Zhou, Y.T., et al. Exp. Cell Res. 303(2):263-274(2005) Shang, X., et al. J. Biol. Chem. 278(46):45903-45914(2003)