

BNIP2 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13384b

Specification

BNIP2 Antibody (C-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	O12982
Other Accession	NP_004321.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	36018
Antigen Region	285-316

BNIP2 Antibody (C-term) - Additional Information

Gene ID 663

Other Names

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

Target/Specificity

This BNIP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 285-316 amino acids from the C-terminal region of human BNIP2.

Dilution

WB~~1:1000
IHC-P~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

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

Precautions

BNIP2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

BNIP2 Antibody (C-term) - 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

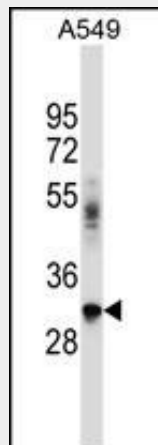
Cytoplasm. Cytoplasm, perinuclear region. Note=Localizes to the nuclear envelope region and to other cytoplasmic structures

BNIP2 Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

BNIP2 Antibody (C-term) - Images



BNIP2 Antibody (C-term) (Cat. #AP13384b) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the BNIP2 antibody detected the BNIP2 protein (arrow).



BNIP2 Antibody (C-term) (Cat. #AP13384b) immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of BNIP2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

BNIP2 Antibody (C-term) - Background

This gene is a member of the BCL2/adenovirus E1B 19 kd-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) - 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)