

Rabbit BNIP3 Polyclonal Antibody | anti-BNIP3 antibody

BNIP3 Polyclonal Antibody

CATALOG # AAA47852	HOST Rabbit	APPLICATIONS Immunoblot, Western Blot
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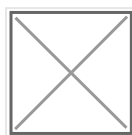
PRODUCT SYNONYMS

BNIP3; Polyclonal Antibody; BNIP3 Polyclonal Antibody; anti-BNIP3 antibody

PRODUCT SPECIFICATIONS

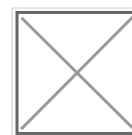
Host	Rabbit
Clonality	Polyclonal
Specificity	This antibody recognizes human and mouse BNIP3.
Form/Format	100ug (1mg/ml) peptide affinity-purified antibody in PBS, pH 7.4, 50% glycerol, 0.09% sodium azide.
Sequence Length	259
Applicable Applications for anti-BNIP3 antibody	IB (Immunoblot)
Immunogen	Synthetic peptide corresponding to amino acids at the C-terminus of human BNIP3.
Preparation and Storage	This antibody is stable for at least one (1) year at -20 degree C.

IMAGES



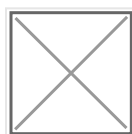
IF (Immunofluorescence)

Immunofluorescence: use at 10ug/ml. Detection of BNIP3 in formalin-fixed NIH 3T3 cells at 10ug/ml. DAPI (blue) nuclear stain, Texas red actin stain, and FITC (green) BNIP3 stain.



Application Data

Detection of BNIP3 and complexed BNIP3 in mouse kidney lysate at 1ug/ml.



Application Data

Detection of BNIP3 in HeLa (left) and 293T (right) cell lysates at 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-BNIP3 antibody

BNIP3 is a member of the apoptotic Bcl-2 protein family that is involved in both necrosis and apoptosis. Humans and other animals, as well as lower eukaryotes, encode several BNIP3 paralogues including human BNIP3L which induces apoptosis by interacting with viral and cellular anti-apoptosis proteins. BNIP3 interacts with the E1B 19kDa protein, which is responsible for the protection of virally induced cell death, as well as with E1B-like sequences of BCL2 which is also an apoptotic protector. The BNIP3 gene contains a BH3 domain and a transmembrane domain that have been associated with pro-apoptotic function. The dimeric mitochondrial protein encoded by the BNIP3 gene is known to induce apoptosis, even in the presence of BCL2.

NCBI AND UNIPROT INFORMATION

NCBI GI #	734703979
NCBI GeneID	664
NCBI Accession #	NP_004043.3
NCBI GenBank Nucleotide #	NM_004052.3
UniProt Accession #	Q12983; O14620; Q96GP0
Molecular Weight	27,832 Da
NCBI Official Full Name	BCL2/adenovirus E1B 19 kDa protein-interacting protein 3
NCBI Official Synonym Full Names	BCL2 interacting protein 3
NCBI Official Symbol	BNIP3
NCBI Official Synonym Symbols	NIP3
NCBI Protein Information	BCL2/adenovirus E1B 19 kDa protein-interacting protein 3
UniProt Protein Name	BCL2/adenovirus E1B 19 kDa protein-interacting protein 3
UniProt Gene Name	BNIP3
UniProt Synonym Gene Names	NIP3

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/bnip3-antibody-immunoblot-elisa/47852>