

Rabbit anti-Human BCL2/adenovirus E1B 19 kDa protein-interacting protein 3 Polyclonal Antibody | anti-BNIP3 antibody

Rabbit anti-human BCL2/adenovirus E1B 19 kDa protein-interacting protein 3 polyclonal Antibody(BNIP3)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119760	Rabbit	Human	Immunohistochemistry, Immunofluorescence, ELISA

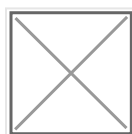
PRODUCT SYNONYMS

BCL2/adenovirus E1B 19 kDa protein-interacting protein 3; Polyclonal Antibody; Rabbit anti-human BCL2/adenovirus E1B 19 kDa protein-interacting protein 3 polyclonal Antibody(BNIP3); BNIP3; NIP3; anti-BNIP3 antibody

PRODUCT SPECIFICATIONS

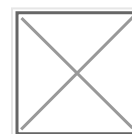
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid; PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-BNIP3 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA
Immunogen	Recombinant Human BCL2/adenovirus E1B 19 kDa protein-interacting protein 3 protein (1-164AA)
Conjugate	Non-conjugated
Species	Homo sapiens (Human)
Research Area	Cell Biology
Target Names	BNIP3
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



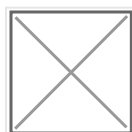
IHC (Immunohistochemistry)

Immunofluorescent analysis of mcf-7 cells using AAA119760 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using AAA119760 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate using AAA119760 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-BNIP3 antibody	Apoptosis-inducing protein that can overcome BCL2 suppression. May play a role in repartitioning calcium between the two major intracellular calcium stores in association with BCL2. Involved in mitochondrial quality control via its interaction with SPATA18/MIEAP: in response to mitochondrial damage, participates to 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. Plays an important role in the calprotectin (S100A8/A9)-induced cell death pathway.
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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
NCBI Official Full Name	BCL2/adenovirus E1B 19 kDa protein-interacting protein 3
NCBI Official Synonym Full Names	BCL2/adenovirus E1B 19kDa 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
UniProt Entry Name	BNIP3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/bcl2-adenovirus-e1b-19-kda-protein-interacting-protein-3-antibody-immunohistochemistry-immunofluorescence-elisa/119760>