

Rabbit anti-Human BNIP2 Polyclonal Antibody | anti-BNIP2 antibody

BNIP2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324502	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

BNIP2; Polyclonal Antibody; BNIP2 Antibody; BCL2/adenovirus E1B 19 kDa protein interacting protein 2; BCL2/adenovirus E1B 19 kDa protein-interacting protein 2; BCL2/adenovirus E1B 19kDa interacting protein 2; BNIP 2; Bnip2; BNIP2_HUMAN; NIP2; anti-BNIP2 antibody

PRODUCT SPECIFICATIONS

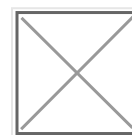
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	BNIP2 antibody detects endogenous levels of total BNIP2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	376
Applicable Applications for anti-BNIP2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm. Cytoplasm > Perinuclear Region. Localizes to the nuclear envelope region and to other cytoplasmic structures.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324502 staining Hela cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using BNIP2 antibody.



WB (Western Blot)

Western blot analysis of extracts from various samples, using BNIP2 Antibody. Lane 1: mouse brain treated with blocking peptide. Lane 2: mouse brain; Lane 3: rat brain;

ADDITIONAL INFORMATION

Related Product Information for anti-BNIP2 antibody

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	1002623436
NCBI GeneID	663
NCBI Accession #	NP_001307604.1
NCBI GenBank Nucleotide #	NM_001320675.1
UniProt Accession #	Q12982; B4DS94
Molecular Weight	Observed: 36 kD Predicted: 37 kDa
NCBI Official Full Name	BCL2/adenovirus E1B 19 kDa protein-interacting protein 2 isoform 3
NCBI Official Synonym Full Names	BCL2 interacting protein 2
NCBI Official Symbol	BNIP2
NCBI Official Synonym Symbols	NIP2; BNIP-2
NCBI Protein Information	BCL2/adenovirus E1B 19 kDa protein-interacting protein 2
UniProt Protein Name	BCL2/adenovirus E1B 19 kDa protein-interacting protein 2
UniProt Gene Name	BNIP2
UniProt Synonym Gene Names	NIP2

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bnip2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324502>