

Anti-BNIP2 Antibody

Catalog # AP51015

Product Information

Application	WB, FC, IF/IC
Primary Accession	Q12982
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36018

Additional Information

Gene ID	663
Other Names	NIP2; BCL2/adenovirus E1B 19 kDa protein-interacting protein 2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human BNIP2. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) FC~~1:10~50 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

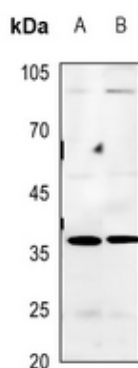
Protein Information

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

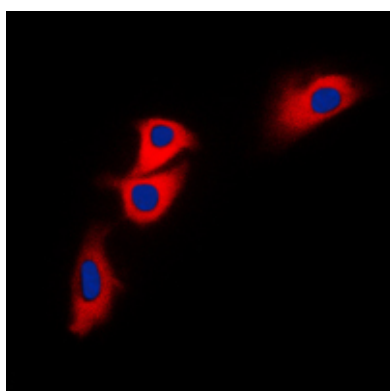
References

Boyd J.M.,et al.Cell 79:341-351(1994).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Zody M.C.,et al.Nature 440:671-675(2006).
Zahedi R.P.,et al.J. Proteome Res. 7:526-534(2008).

Images



Western blot analysis of BNIP2 expression in mouse testis (A), rat testis (B) whole cell lysates. (Predicted band size: 36 kD; Observed band size: 36 kD)



Immunofluorescent analysis of BNIP2 staining in HEK293T cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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