

For Research Use Only

# BNIP2 Polyclonal antibody

Catalog Number: 10361-1-AP



## Basic Information

**Catalog Number:**

10361-1-AP

**Concentration:**

600 ug/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG0403

**GenBank Accession Number:**

BC002461

**GeneID (NCBI):**

663

**UNIPROT ID:**

Q12982

**Full Name:**

BCL2/adenovirus E1B 19kDa

interacting protein 2

**Calculated MW:**

36 kDa

**Observed MW:**

43 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

IF/ICC 1:50-1:500

## Applications

**Tested Applications:**

WB, IF/ICC, ELISA

**Species Specificity:**

human, mouse

**Positive Controls:**

**WB :** HCT 116 cells, MCF-7 cells, MDA-MB-231 cells, SW480 cells

**IF/ICC :** HeLa cells, RAW 264.7 cells

## Background Information

BCL2/adenovirus E1B 19 kDa protein-interacting protein 2 (BNIP2) is also named as PRKACN2. BNIP2 is developmentally regulated may suggest a role of this gene in those brain areas where the differentiation is orchestrated by estradiol. The expression of BNIP2 was inhibited by estradiol. BNIP2 is implicated in the suppression of cell death and interacts with the BCL-2 and adenovirus E1B 19 kDa proteins. BNIP2 is highly expressed in patients with favorable neuroblastoma (NB) (PMID: 25611382).

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

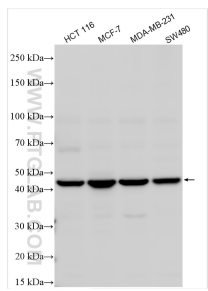
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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

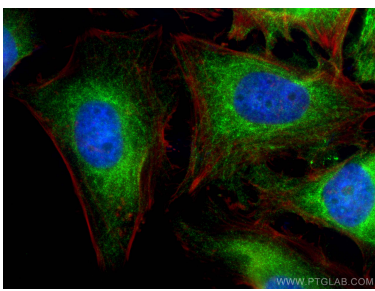
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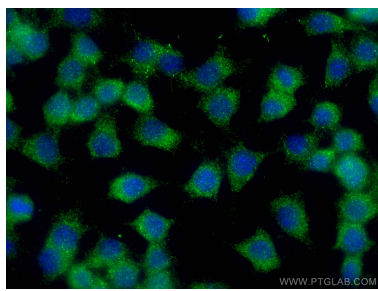
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10361-1-AP (BNIP2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using BNIP2 antibody (10361-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed RAW 264.7 cells using BNIP2 antibody (10361-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).