

For Research Use Only

# BNIP2 Polyclonal antibody, PBS Only

Catalog Number:10361-1-PBS



## Basic Information

**Catalog Number:**

10361-1-PBS

**Size:**

100ug , Concentration: 1 mg/ml by Nanodrop;

**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

## Applications

**Tested Applications:**

WB, IF/ICC, Indirect ELISA

**Species Specificity:**

human, mouse

## Background Information

BCL2/adenovirus E1B 19 kDa protein-interacting protein 2 (BNIP2) is also named as PRKACN2. BNIP2 is developmentally regulated and 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 -80°C.

**Storage Buffer:**

PBS Only

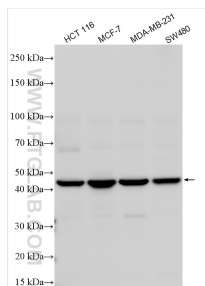
For technical support and original validation data for this product please contact:

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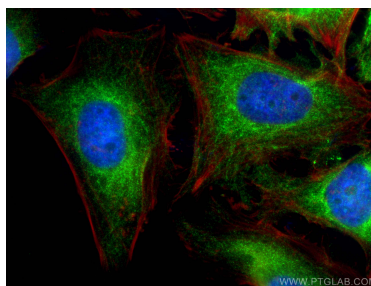
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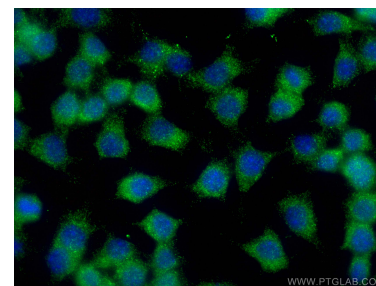
## Selected Validation Data



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. This data was developed using the same antibody clone with 10361-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 10361-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 10361-1-PBS in a different storage buffer formulation.