

For Research Use Only

BNIP2 Polyclonal antibody

Catalog Number:10361-1-AP



Basic Information

Catalog Number:

10361-1-AP

Size:

150ul , Concentration: 600 ug/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

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

*** 20ul sizes contain 0.1% BSA

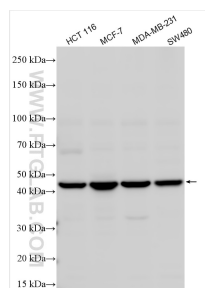
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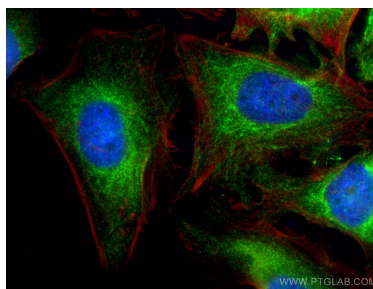
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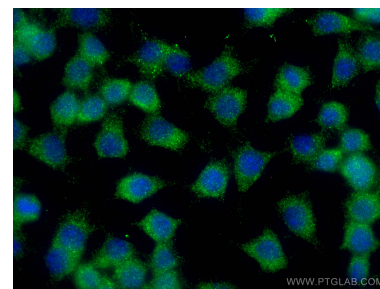
Selected Validation Data



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.



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).