

For Research Use Only

# BNIP3L Polyclonal antibody

Catalog Number: 12986-1-AP

Featured Product

24 Publications



## Basic Information

Catalog Number:

12986-1-AP

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3624

GenBank Accession Number:

BC001559

GeneID (NCBI):

665

UNIPROT ID:

O60238

Full Name:

BCL2/adenovirus E1B 19kDa  
interacting protein 3-like

Calculated MW:

24 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IHC 1:150-1:600

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat, zebrafish

**Note-IHC: suggested antigen retrieval with  
TE buffer pH 9.0; (\*) Alternatively, antigen  
retrieval may be performed with citrate  
buffer pH 6.0**

Positive Controls:

WB : HEK-293 cells, Raji cells, mouse kidney tissue,  
Jurkat cells, rat kidney tissue

IHC : human skin cancer tissue,

## Background Information

BNIP3L, also named as BNIP3A, BNIP3H, NIX and NIP3L. Bnip3L is one of the BH3-containing pro-apoptotic proteins and that it targets the mitochondria when inducing apoptosis. It may function as a tumor suppressor. BNIP3L has Dimer form with MW ~70 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Chunle Zhao	31551778	Front Pharmacol	WB
Hongyu Li	30160596	Autophagy	WB
Xiaoqing Lv	35372370	Front Cell Dev Biol	WB

## Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

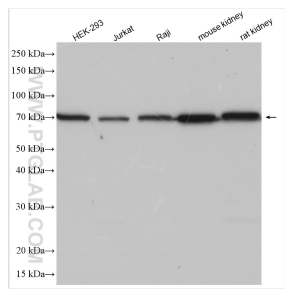
T: 4006900926

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

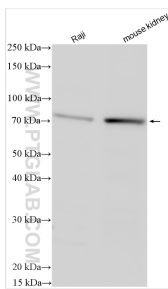
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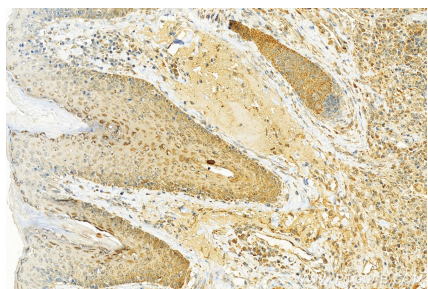
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12986-1-AP (BNIP3L antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 12986-1-AP (BNIP3L antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded skin cancer slide using 12986-1-AP (BNIP3L antibody) at dilution of 1:300 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).