

# BNIP3L Rabbit pAb

Catalog No.: A6283 **5 Publications**

## Basic Information

### Observed MW

38 kDa

### Calculated MW

24 kDa

### Category

Primary antibody

### Applications

WB,IF/ICC,IHC-P,ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes a protein that belongs to the pro-apoptotic subfamily within the Bcl-2 family of proteins. The encoded protein binds to Bcl-2 and possesses the BH3 domain. The protein directly targets mitochondria and causes apoptotic changes, including loss of membrane potential and the release of cytochrome c.

## Recommended Dilutions

**WB** 1:1000 - 1:5000

**IF/ICC** 1:50 - 1:200

**IHC-P** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

665

### Swiss Prot

O60238

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

NIX; BNIP3a; BNIP3L

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

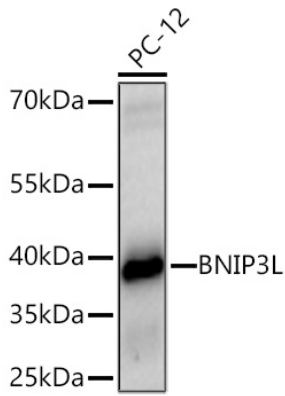
Affinity purification

### Storage

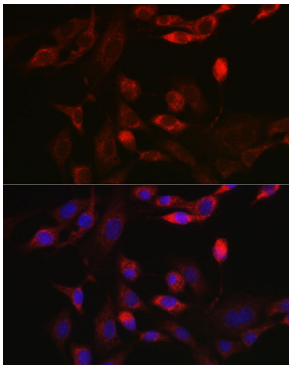
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.

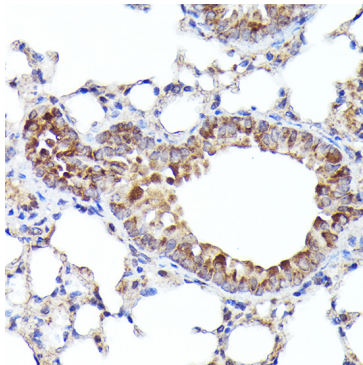
## Validation Data



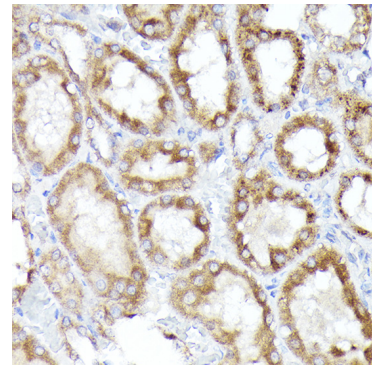
Western blot analysis of lysates from PC-12 cells using BNIP3L Rabbit pAb (A6283) at 1:1000 dilution incubated overnight at 4°C.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Enhanced Kit (RM00021).  
Exposure time: 60s.



Immunofluorescence analysis of NIH/3T3 cells using BNIP3L Rabbit pAb (A6283) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded Mouse lung using BNIP3L Rabbit pAb (A6283) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat kidney using BNIP3L Rabbit pAb (A6283) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.