

BNIP3 Rabbit mAb

Catalog No.: A28780 **Recombinant**

Basic Information

Observed MW

22-28 kDa, 50-55 kDa

Calculated MW

22 kDa

Category

Primary antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC0072

Background

This gene encodes a mitochondrial protein that contains a BH3 domain and acts as a pro-apoptotic factor. The encoded protein interacts with anti-apoptotic proteins, including the E1B 19 kDa protein and Bcl2. This gene is silenced in tumors by DNA methylation.

Recommended Dilutions

WB 1:1000 - 1:4000

IHC-P 1:100 - 1:400

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

Immunogen Information

Gene ID

664

Swiss Prot

Q12983

Immunogen

This information is considered to be commercially sensitive.

Synonyms

NIP3; HABON; BNIP3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

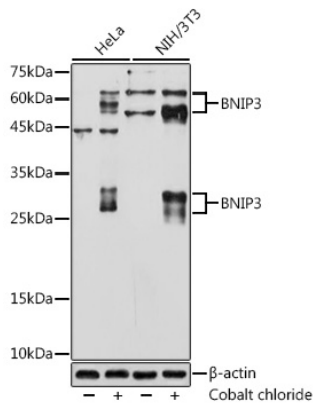
Affinity purification

Storage

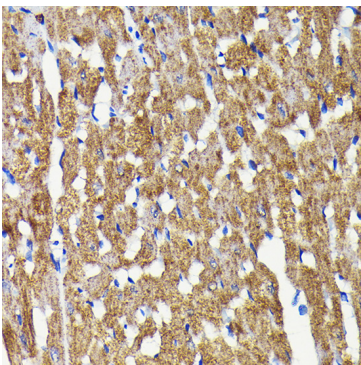
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% sodium azide,0.05% BSA,50% glycerol,pH7.3

Validation Data



Western blot analysis of various lysates using BNIP3 Rabbit mAb (A28780) at 1:1000 dilution. HeLa cells and NIH/3T3 cells were treated with Cobalt chloride (0.1 mM) at 37°C for 4 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Rat heart tissue using BNIP3 Rabbit mAb (A28780) at a dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.