

BNIP3

Reactivity:Human Mouse Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW:21kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human BNIP3

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

bc

Synonym:

NIP3;

Catalog #:A5683

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:664

Isotype:IgG

Swiss Prot:Q12983

Purity:Affinity purification

For research use only.

Background:

This gene is a member of the BCL2/adenovirus E1B 19 kd-interacting protein (BNIP) family. It interacts with the E1B 19 kDa protein, which protects cells from virally-induced cell death. The encoded protein also interacts with E1B 19 kDa-like sequences of BCL2, another apoptotic protector. This protein contains a BH3 domain and a transmembrane domain, which have been associated with pro-apoptotic function. The dimeric mitochondrial protein encoded by this gene is known to induce apoptosis, even in the presence of BCL2.

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