

## 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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