

BIK

Reactivity: Human

Tested applications: WB IHC

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

Calculated MW: 18kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human BIK

Storage Buffer:

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

Concentration:

b

Synonym:

BP4; NBK; BIP1;

Catalog #: A2488

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 638

Isotype: IgG

Swiss Prot: Q13323

Purity: Affinity purification

For research use only.

Background:

Bik/Nbk (Bcl-2-interacting killer/natural born killer) is a potent pro-apoptotic protein belonging to a group of Bcl-2 family members that includes Bad, Bid, Bim, Hrk, and Noxa, containing a BH3 domain but lacking other conserved domains, BH1 or BH2 (1,2). Functionally, Bik is able to bind to and antagonize anti-apoptotic Bcl-2 family members including Bcl-2, Bcl-xL, and viral homologs E1B-19K and EBV-BHFR1. The BH3 domain of Bik is essential for its apoptotic activity and interaction with survival proteins (3). Phosphorylation of Bik is correlated with an increase in its pro-apoptotic activity (4).

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