

BIK antibody

Catalog No: #38406

Package Size: #38406-1 50ul #38406-2 100ul

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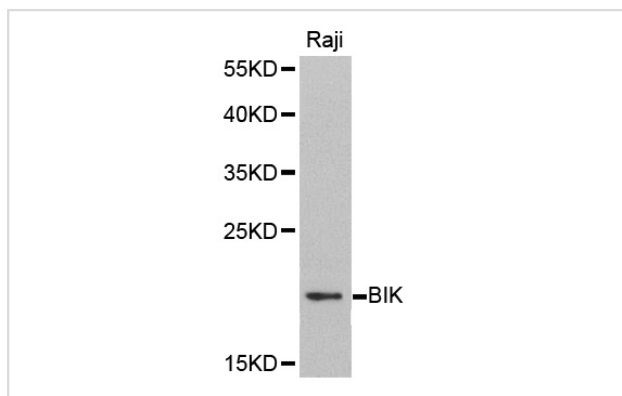
Description

Product Name	BIK antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total BIK protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human BIK.
Target Name	BIK
Other Names	BP4; NBK; BIP1;
Accession No.	Swiss-Prot#: Q13323NCBI Gene ID: 638
Uniprot	Q13323
GeneID	638;
SDS-PAGE MW	18kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: □1:500 - 1:2000

Images



Western blot analysis of extracts of Raji cell line, using BIK antibody.

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).

Note: This product is for in vitro research use only