



BIK Antibody

#24181

Catalog Number: 24181-1, 24181-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. : Q13323

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized peptide derived from Human BIK

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity/Sensitivity: BIK antibody detects endogenous levels of total BIK protein

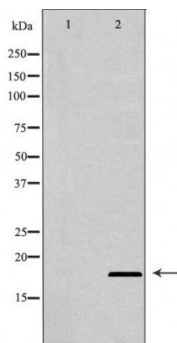
Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 18kd

WB: 1:500~1:2000

IHC: 1:50-200



Western blot analysis of extracts of Raji cellline, 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. 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. Phosphorylation of Bik is correlated with an increase in its pro-apoptotic activity.