BIK Polyclonal Antibody

CATALOG NO: 3703-30T 30 µg (Trial size)
               3703-100 100 µg

HOST: Rabbit

IMMUNOGEN: Synthetic peptide mapping to N-terminus of human BIK (ID# BV-141)

SPECIES REACTIVITY: Human, Mouse, Rat

FORMULATION: 0.5 mg/ml Protein A affinity purified rabbit anti-BIK polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

STORAGE CONDITIONS: Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/defrost cycles.

BACKGROUND: BIK is a member of Pro-apoptotic Bcl-2 family proteins. Although Bik lacks Bcl-2 homologus region, BH1 and BH2, BIK interacts with Bcl-2 and Bcl-xL. BIK has been shown to induce apoptosis by activating caspase-9.

APPLICATION AND USAGE: The antibody can be used for Western blotting (2-6 µg/ml). However, the optimal conditions should be determined individually. Jurkat cell lysate (Cat.# 2401-100), mouse small intestine (Cat.# 2601-100) and rat kidney (Cat.# 2702-100) can be used as positive controls.

SPECIFICITY: The antibody detects a ~17 kDa BIK in samples from human, mouse, and rat origins. A ~15 kDa cleavage fragment can also be detected. Blocking peptide is available separately (Cat.# 3703BP-50).

FOR RESEARCH USE ONLY! Not to be used on humans.

Cat.# 3703-100
Western blot analysis of BIK expression in Jurkat (Lane 1), mouse intestine (Lane 2) and rat kidney (Lane 3) lysates.

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

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