

Bax Polyclonal Antibody

CATALOG #: 3032-100

AMOUNT: 100 µg

LOT #: _____

HOST: Rabbit

IMMUNOGEN: Synthetic peptide corresponding to amino acids near the N-terminus of human Bax (Internal ID# BV126).

FORMULATION:

100 µg (0.5 mg/ml) affinity purified, rabbit anti-Bax polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA, 0.02% sodium azide.

SPECIES REACTIVITY: human, mouse, rat, monkey

STORAGE CONDITIONS:

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

DESCRIPTION:

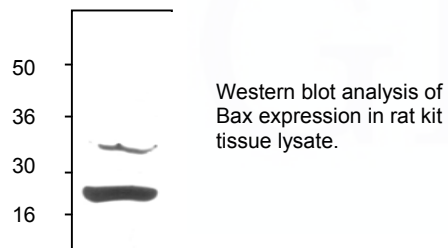
The Bcl-2 (B-cell leukemia/lymphoma 2) family proteins function to either inhibit (Bcl-2 and Bcl-X_L) or promote (Bax and Bak) apoptosis. Similar to other family member, Bax contains the conserved Bcl-2 homology 1 (BH1) and 2 (BH2) domains that allow for its homodimerization or heterodimerization with Bcl-2. The ratio of Bax homodimers to Bax/Bcl-2 heterodimers is an apoptotic checkpoint. When Bcl-2 is in excess, apoptosis is inhibited. However, if Bax levels increase in response to a death signal, the cell is pushed toward death.

SPECIFICITY:

The immunoaffinity purified antibody detects a 20 kDa protein, corresponding to the apparent molecular weight of Bax on SDS-PAGE immunoblots.

APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (1-2 µg/ml) and immunoprecipitation (10-20 µg/ml). However, the optimal conditions should be determined individually.



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- Nuclear/Cytosol Fractionation Kit
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