

## Bax Polyclonal Antibody

**CATALOG NO:** 3032-30T 30 µg (Trial size)  
3032-100 100 µg

**HOST:** Rabbit

**IMMUNOGEN:** Synthetic peptide corresponding to amino acids near the N-terminus of human Bax (ID# BV-126).

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

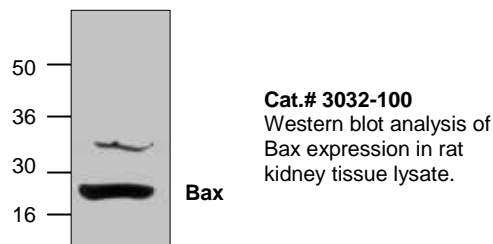
**SPECIES REACTIVITY:** Human, Mouse, Rat, Monkey

**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<sub>L</sub>) or promote (Bax and Bak) apoptosis. Bax contains the conserved Bcl-2 homology 1 (BH1) and 2 (BH2) domains that allow for its homodimerization or heterodimerization with Bcl-2. 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 antibody detects a 20 kDa protein, corresponding to the apparent molecular weight of Bax on SDS-PAGE immunoblots. Rat kidney tissue lysate can be used as a positive control.

**APPLICATION AND USAGE:**  
The antibody can be used for Western blot analysis (0.5-4 µg/ml). Based on researchers feedback, it can also be used in immunoprecipitation (10-20 µg/ml). However, the optimal conditions should be determined individually.



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

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- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
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- FractionPREP Fractionation System

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