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BAX
Rabbit Anti-Human BAX Affinity Purified pAb

Catalog No.	CPB116	**Quantity:**	100 µg

Alternate Names: BCL2-associated X protein, BCL2L4

Description: Rabbit Anti-Human BAX Affinity Purified polyclonal antibody. The BCL2 family proteins function to either inhibit (BCL2 and BCL-xL) or promote (BAX and BAK) apoptosis. BAX contains the conserved BCL2 homology 1 (BH1) and 2 (BH2) domains that allow for its homodimerization or heterodimerization with BCL2. When BCL2 is in excess, apoptosis is inhibited. However, if BAX levels increase in response to a death signal, the cell is pushed toward death.

Gene ID: 581

Concentration: 0.5 mg/ml

Specificity: Detects a 20 kDa protein, corresponding to the apparent molecular weight of BAX on SDS-PAGE immunoblots.

Host: Rabbit

Immunogen: Synthetic peptide corresponding to the amino acids near the N-terminus of human BAX

Formulation: Liquid in PBS, pH 7.2 + 30% glycerol + 0.5% BSA + 0.01% thimerosal. Precaution: Thimerosal is a poisonous and hazardous substance which should be handled by trained staff only.

Purification: Biospecific affinity chromatography

Cross-Reactivity: Reacts with human, mouse, rat, and monkey.

Applications: Western Blot
Immunoprecipitation

Application Notes: For Western Blot, use a working dilution of 0.5-4 µg/ml.
For Immunoprecipitation, use a working dilution of 10-20 µg/ml.
Blocking Peptide (Cat. No. CPB116BP) is available separately.
The optimal concentration should be determined by the user for each specific application.

Storage & Stability: Store at -20°C or in working aliquots at -80°C for long term storage. **Avoid repeated freeze-thaw cycles.**

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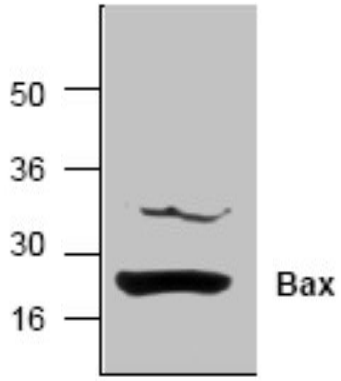
Western Blot analysis of BAX expression in rat kidney tissue lysate



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

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