BAD
Rabbit Anti-Mouse BCL2-Associated Agonist of Cell Death Affinity Purified pAb

Catalog No.	CPB114	**Quantity:**	100 µg

Alternate Names: BBC2, BCL2L8

Gene ID: 12015

Description: Rabbit Anti-Mouse BAD Affinity Purified polyclonal antibody. The BCL2 family proteins function to either inhibit (BCL2 and BCL-xL) or promote (BAX and BAD) apoptosis. Similar to other family members, BAD also exhibits sequence homology to BCL2. BAD can selectively dimerize with BCL-xL and BCL2, but not with BAX, BCL-xs, MCL1, or itself. In mammalian cells, BAD binds more strongly to BCL-xL than BCL2. This may explain why BAD reverses the death repressor activity of BCL-xL, but not that of BCL2.

Concentration: 0.5 mg/ml

Specificity: Detects the 22 kDa BAD protein. Does not cross-react with related family members.

Host: Rabbit

Immunogen: Synthetic peptide surrounding amino acid 115 of mouse BAD

Formulation: Liquid in PBS, pH 7.2 + 50% glycerol + 1% BSA + 0.02% 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, monkey, and rat.

Applications:
Western Blot
Immunoprecipitation
Immunohistochemistry

Application Notes:
For Western Blot, use a working dilution of 1-2 µg/ml.
For Immunoprecipitation, use a working dilution of 4-8 µg/ml.
For Immunohistochemistry, use a working dilution of 20-40 µg/ml.
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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