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# Phospho-mouse BAD(S96) Antibody

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP3849a

## Product Information

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| **Application** | DB, E |
| **Primary Accession** | Q61337 |
| **Other Accession** | NP_031548.1 |
| **Reactivity** | Mouse |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB40701 |
| **Calculated MW** | 22080 |

## Additional Information

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| **Gene ID** | 12015 |
| **Other Names** | Bcl2-associated agonist of cell death, BAD, Bcl-2-binding component 6, Bcl-xL/Bcl-2-associated death promoter, Bcl2 antagonist of cell death, Bad, Bbc6 |
| **Target/Specificity** | This mouse BAD Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S96 of mouse BAD. |
| **Dilution** | DB~~1:500 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | Phospho-mouse BAD(S96) Antibody is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | Bad |
| **Synonyms** | Bbc6 |
| **Function** | Promotes cell death. Successfully competes for the binding to Bcl-X(L), Bcl-2 |

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|---|---|
| | and Bcl-W, thereby affecting the level of heterodimerization of these proteins with BAX. Can reverse the death repressor activity of Bcl-X(L), but not that of Bcl-2. Appears to act as a link between growth factor receptor signaling and the apoptotic pathways. |
| **Cellular Location** | Mitochondrion outer membrane. Cytoplasm. Note=Colocalizes with HIF3A isoform 2 in the cytoplasm (PubMed:21546903). Upon phosphorylation, locates to the cytoplasm. |

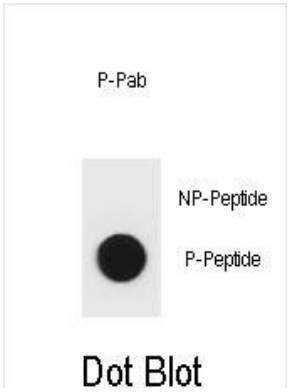
## Background

BAD promotes cell death. Successfully competes for the binding to Bcl-X(L), Bcl-2 and Bcl-W, thereby affecting the level of heterodimerization of these proteins with BAX. Can reverse the death repressor activity of Bcl-X(L), but not that of Bcl-2. Appears to act as a link between growth factor receptor signaling and the apoptotic pathways.

## References


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Quoyer, J., et al. J. Biol. Chem. 285(3):1989-2002(2010)
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## Images




Dot blot analysis of mouse BAD Antibody (Phospho S96) Phospho-specific Pab (Cat. #AP3849a) on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.6ug per ml.


Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.