



Magic™ Anti-BAD (Phospho S99) polyclonal antibody (DPABH-26169)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen Description | 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 (By similarity). Appears to act as a link between growth factor receptor signaling and the apoptotic pathways. |
| Target | BAD |
| Immunogen | Synthetic phosphopeptide conjugated to KLH, corresponding to amino acid residues surrounding S99 of Human Bad. |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human |
| Purification | Immunogen affinity purified |
| Conjugate | Unconjugated |
| Applications | Dot Blot, WB, IHC-P |
| Format | Liquid |
| Size | 100 µl |
| Buffer | Constituent: 99% PBS |
| Preservative | 0.09% Sodium Azide |
| Storage | Store at 4°C or at -20°C for long term storage. |

GENE INFORMATION

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| Gene Name | BAD BCL3-associated agonist of cell death [Homo sapiens] |
| Official Symbol | BAD |
| Synonyms | BAD; BCL2-associated agonist of cell death; BBC2; BCL2L8; bcl2 antagonist of cell death; bcl2-L-8; BCL2-binding protein; bcl-2-like protein 8; BCL2-binding component 6; bcl-2-binding component 6; BCL-X/BCL-2 binding protein; BCL2-antagonist of cell death protein; bcl-XL/Bcl-2-associated death promoter; |
| Entrez Gene ID | 572 |
| Protein Refseq | NP_004313.1 |
| UniProt ID | A0A024R562 |
| Pathway | AKT phosphorylates targets in the cytosol; Activation of BH3-only proteins; Acute myeloid leukemia; Alpha-synuclein signaling |
| Function | cysteine-type endopeptidase activator activity involved in apoptotic process; lipid binding; phospholipid binding; protein binding |