



# Rabbit Anti-Human BAD (Phospho-Ser134) polyclonal antibody (CABT-L3287)

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

## PRODUCT INFORMATION

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| <b>Product Overview</b>   | Rabbit Anti-Human Chk2 (Phospho-Ser516) polyclonal antibody. This antibody detects endogenous levels of BAD only when phosphorylated at Ser134.                                                                   |
| <b>Specificity</b>        | Target Modification: Phospho.<br>Modification Sites: Human: S134; Mouse: S170; Rat: S171                                                                                                                          |
| <b>Target</b>             | Human BAD (Phospho-Ser134)                                                                                                                                                                                        |
| <b>Immunogen</b>          | The antiserum was produced against synthesized peptide derived from human BAD around the phosphorylation site of Ser134. Immunogen range: 100-149                                                                 |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                               |
| <b>Source/Host</b>        | Rabbit                                                                                                                                                                                                            |
| <b>Species Reactivity</b> | Human, Mouse, Rat                                                                                                                                                                                                 |
| <b>Purification</b>       | Affinity Purified                                                                                                                                                                                                 |
| <b>Conjugate</b>          | Unconjugated                                                                                                                                                                                                      |
| <b>Applications</b>       | WB, IHC, IF, ELISA                                                                                                                                                                                                |
| <b>Molecular Weight</b>   | 22 kDa                                                                                                                                                                                                            |
| <b>Preparation</b>        | The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide. |
| <b>Format</b>             | Liquid                                                                                                                                                                                                            |

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| <b>Concentration</b> | Lot specific                                                                                             |
| <b>Size</b>          | 100 µl                                                                                                   |
| <b>Buffer</b>        | Rabbit IgG in PBS (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl and 50% glycerol. |
| <b>Preservative</b>  | 0.02% Sodium Azide                                                                                       |
| <b>Storage</b>       | Stable at -20°C for at least 1 year.                                                                     |
| <b>Ship</b>          | Wet ice                                                                                                  |

## BACKGROUND

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| <b>Introduction</b> | The protein encoded by this gene is a member of the BCL-2 family. BCL-2 family members are known to be regulators of programmed cell death. This protein positively regulates cell apoptosis by forming heterodimers with BCL-xL and BCL-2, and reversing their death repressor activity. Proapoptotic activity of this protein is regulated through its phosphorylation. Protein kinases AKT and MAP kinase, as well as protein phosphatase calcineurin were found to be involved in the regulation of this protein. Alternative splicing of this gene results in two transcript variants which encode the same isoform. |
| <b>Keywords</b>     | BAD;BCL2-associated agonist of cell death;BBC2;BCL2L8;bcl2-associated agonist 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;BCL2-antagonist of cell death protein;bcl-XL/Bcl-2-associated death promoter;                                                                                                                                                                                                                                                                                 |

## GENE INFORMATION

|                        |                                                                                                                                                                                    |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | BAD BCL2-associated agonist of cell death [ Homo sapiens (human) ]                                                                                                                 |
| <b>Official Symbol</b> | BAD                                                                                                                                                                                |
| <b>Synonyms</b>        | BAD, BBC6, Bcl- XL/Bcl-2 associated death promoter, Bcl-2 binding component 6, Bcl-2-like 8 protein, Bcl-xL/Bcl-2 associated death promoter, Bcl2-antagonist of cell death, BCL2L8 |
| <b>Entrez Gene ID</b>  | <a href="#">572</a>                                                                                                                                                                |
| <b>UniProt ID</b>      | <a href="#">Q92934</a>                                                                                                                                                             |