



# Rabbit Anti-Human BCL2 (Phospho-Thr69) polyclonal antibody (CABT-L3299)

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

## PRODUCT INFORMATION

|                           |                                                                                                                                                                                                                   |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>   | Rabbit Anti-Human c-Jun (Phospho-Thr93) polyclonal antibody. This antibody detects endogenous levels of BCL-2 only when phosphorylated at Thr69.                                                                  |
| <b>Specificity</b>        | Target Modification: Phospho.<br>Modification Sites: Human: T69                                                                                                                                                   |
| <b>Target</b>             | Human BCL-2 (Phospho-Thr69)                                                                                                                                                                                       |
| <b>Immunogen</b>          | The antiserum was produced against synthesized peptide derived from human BCL-2 around the phosphorylation site of Thr69. Immunogen range: 46-95                                                                  |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                               |
| <b>Source/Host</b>        | Rabbit                                                                                                                                                                                                            |
| <b>Species Reactivity</b> | Human                                                                                                                                                                                                             |
| <b>Purification</b>       | Affinity Purified                                                                                                                                                                                                 |
| <b>Conjugate</b>          | Unconjugated                                                                                                                                                                                                      |
| <b>Applications</b>       | IHC, IF, ELISA                                                                                                                                                                                                    |
| <b>Molecular Weight</b>   | 26 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                                                                                                                                                                                                            |

|                      |                                                                                                          |
|----------------------|----------------------------------------------------------------------------------------------------------|
| <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> | This gene encodes an integral outer mitochondrial membrane protein that blocks the apoptotic death of some cells such as lymphocytes. Constitutive expression of BCL2, such as in the case of translocation of BCL2 to Ig heavy chain locus, is thought to be the cause of follicular lymphoma. Two transcript variants, produced by alternate splicing, differ in their C-terminal ends. |
| <b>Keywords</b>     | BCL2;B-cell CLL/lymphoma 2;Bcl-2;PPP1R50;apoptosis regulator Bcl-2;protein phosphatase 1, regulatory subunit 50;                                                                                                                                                                                                                                                                          |

## GENE INFORMATION

|                        |                                                        |
|------------------------|--------------------------------------------------------|
| <b>Gene Name</b>       | BCL2 B-cell CLL/lymphoma 2 [ Homo sapiens (human) ]    |
| <b>Official Symbol</b> | BCL2                                                   |
| <b>Synonyms</b>        | Apoptosis regulator Bcl-2, B-cell CLL/lymphoma 2, BCL2 |
| <b>Entrez Gene ID</b>  | <a href="#">10000</a>                                  |
| <b>UniProt ID</b>      | <a href="#">P10415</a>                                 |