

## BCL2L1

### Rabbit Anti-Human BCL2-Like 1 Affinity Purified pAb

|                                 |   |                  |        |
|---------------------------------|---|------------------|--------|
| <b>Catalog No.</b>              | CPB104  | <b>Quantity:</b> | 100 µg |
| <b>Alternate Names:</b>         | B-cell leukemia/lymphoma x, BCL2L, Bcl-X, BCL-XL/S, Bcl-xS  |                  |        |
| <b>Gene ID:</b>                 | 598   |                  |        |
| <b>Description:</b>             | Rabbit Anti-Multispecies BCL2L1 Affinity Purified polyclonal antibody. BCL2L1 is a 30 kDa anti-apoptotic protein belonging to the BCL2 family. BCL2L1 prevents apoptosis through two different mechanisms: by heterodimerization with an apoptotic protein to inhibit its apoptotic effect, and by its direct pore-forming effect on the outer-membrane of mitochondria to help maintain a normal membrane state under stress conditions. BCL2L1 can be cleaved by caspases upon apoptotic activation, which converts BCL2L1 from an antiapoptotic protein to a proapoptotic cleavage product. The cleavage product of BCL2L1 forms cytochrome c-releasing pores in the mitochondrial membrane to facilitate the apoptosis signaling pathway. |                  |        |
| <b>Concentration:</b>           | 0.5 mg/ml   |                  |        |
| <b>Specificity:</b>             | Human, mouse, rat. Detects the 30 kDa BCL2L1 protein.   |                  |        |
| <b>Host:</b>                    | Rabbit  |                  |        |
| <b>Immunogen:</b>               | Synthetic peptide surrounding amino acid 56 of human BCL2L1   |                  |        |
| <b>Formulation:</b>             | Liquid in PBS, pH 7.2 + 30% glycerol + 0.5% BSA + 0.01% thimerosal. Precaution: Thimerosal is a poisonous and hazardous substance which should be handled by trained staff only.  |                  |        |
| <b>Purification:</b>            | Biospecific affinity chromatography   |                  |        |
| <b>Cross-Reactivity:</b>        | Does not react with other BCL2 family members.  |                  |        |
| <b>Applications:</b>            | Western Blot<br>Immunoprecipitation   |                  |        |
| <b>Application Notes:</b>       | For Western Blot, use a working dilution of 0.5-4 µg/ml.<br>For Immunoprecipitation, use a working dilution of 20 µg/ml.<br>Blocking Peptide (Cat. No. CPB104BP) available separately.<br>The optimal concentration should be determined by the user for each specific application.   |                  |        |
| <b>Storage &amp; Stability:</b> | Store at -20°C or in working aliquots at -80°C for long term storage. <b>Avoid repeated freeze-thaw cycles.</b>   |                  |        |

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

