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# Product datasheet for TA325260

## BCL2 Rabbit Polyclonal Antibody

### Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Applications:** | WB |
| **Recommended Dilution:** | WB: 1:500-1:2000; IHC: 1:50-1:200; IP |
| **Reactivity:** | Human |
| **Modifications:** | Phospho-specific |
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Immunogen:** | The antiserum was produced against A synthesized peptide derived from human BCL-2 around the phosphorylation site of Serine 70 |
| **Formulation:** | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| **Concentration:** | lot specific |
| **Purification:** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific peptide. |
| **Conjugation:** | Unconjugated |
| **Storage:** | Store at -20°C as received. |
| **Stability:** | Stable for 12 months from date of receipt. |
| **Predicted Protein Size:** | 28 kDa |
| **Gene Name:** | B-cell CLL/lymphoma 2 |
| **Database Link:** | NP_000624<br>Entrez Gene 596 Human<br>P10415 |
| **Background:** | 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. |

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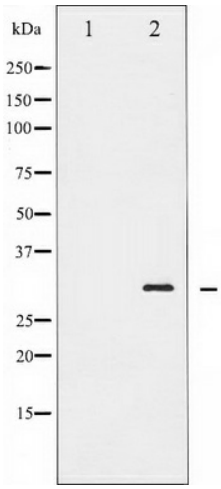
**Synonyms:** Bcl-2; PPP1R50

**Protein Families:** Druggable Genome, ES Cell Differentiation/IPS, Stem cell - Pluripotency, Transmembrane

**Protein Pathways:** Amyotrophic lateral sclerosis (ALS), Apoptosis, Colorectal cancer, Focal adhesion, Neurotrophin signaling pathway, Pathways in cancer, Prostate cancer, Small cell lung cancer

## Product images:




Western blot analysis of BCL-2 phosphorylation expression in LPS treated HeLa whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

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