

BCL2 (Phospho-Ser70) Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP52614

Specification

BCL2 (Phospho-Ser70) Antibody - Product Information

Application	WB
Primary Accession	P10415
Host	Rabbit
Clonality	Polyclonal

BCL2 (Phospho-Ser70) Antibody - Additional Information

Gene ID 596

Other Names

Apoptosis regulator Bcl-2, BCL2

Dilution

WB~~1:1000

Format

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions

-20°C

BCL2 (Phospho-Ser70) Antibody - Protein Information

Name BCL2

Function

Suppresses apoptosis in a variety of cell systems including factor-dependent lymphohematopoietic and neural cells (PubMed:1508712, PubMed:8183370). Regulates cell death by controlling the mitochondrial membrane permeability (PubMed:11368354). Appears to function in a feedback loop system with caspases (PubMed:11368354). Inhibits caspase activity either by preventing the release of cytochrome c from the mitochondria and/or by binding to the apoptosis-activating factor (APAF-1) (PubMed:11368354). Also acts as an inhibitor of autophagy: interacts with BECN1 and AMBRA1 during non-starvation conditions and inhibits their autophagy function (PubMed:18570871, PubMed:20889974, PubMed:21358617). May attenuate inflammation by impairing NLRP1-

inflammasome activation, hence CASP1 activation and IL1B release (PubMed:17418785).

Cellular Location

Mitochondrion outer membrane; Single-pass membrane protein. Nucleus membrane; Single-pass membrane protein. Endoplasmic reticulum membrane; Single-pass membrane protein. Cytoplasm {ECO:0000250|UniProtKB:P10417}

Tissue Location

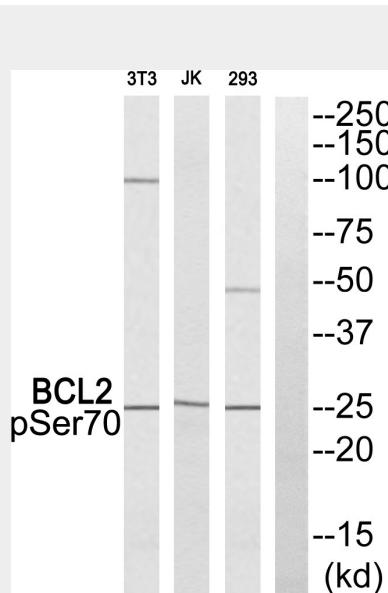
Expressed in a variety of tissues.

BCL2 (Phospho-Ser70) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

BCL2 (Phospho-Ser70) Antibody - Images



Western blot analysis of extracts from 293 cells, Jurkat cells and NIH/3T3 cells all treated with Paclitaxel, using BCL2 (Phospho-Ser70) antibody.

BCL2 (Phospho-Ser70) Antibody - Background

Suppresses apoptosis in a variety of cell systems including factor-dependent lymphohematopoietic and neural cells. Regulates cell death by controlling the mitochondrial membrane permeability. Appears to function in a feedback loop system with caspases. Inhibits caspase activity either by preventing the release of cytochrome c from the mitochondria and/or by binding to the apoptosis-activating factor (APAF-1).

BCL2 (Phospho-Ser70) Antibody - References

Tsujimoto Y.,et al.Proc. Natl. Acad. Sci. U.S.A. 83:5214-5218(1986).
Eguchi Y.,et al.Nucleic Acids Res. 20:4187-4192(1992).
Cleary M.L.,et al.Cell 47:19-28(1986).
Seto M.,et al.EMBO J. 7:123-131(1988).
Hua C.,et al.Oncogene Res. 2:263-275(1988).