

Bcl-2 (phospho Ser87) Polyclonal Antibody
Catalog # AP67578**Specification****Bcl-2 (phospho Ser87) Polyclonal Antibody - Product Information**

Application	WB, IHC-P
Primary Accession	P10415
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

Bcl-2 (phospho Ser87) Polyclonal Antibody - Additional Information**Gene ID** 596**Other Names**

BCL2; Apoptosis regulator Bcl-2

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Bcl-2 (phospho Ser87) Polyclonal Antibody - Protein Information**Name** BCL2**Function**

Suppresses apoptosis in a variety of cell systems including factor-dependent lymphohematopoietic and neural cells (PubMed:<<http://www.uniprot.org/citations/1508712>>1508712, PubMed:<<http://www.uniprot.org/citations/8183370>>8183370). Regulates cell death by controlling the mitochondrial membrane permeability (PubMed:<<http://www.uniprot.org/citations/11368354>>11368354). Appears to function in a feedback loop system with caspases (PubMed:<<http://www.uniprot.org/citations/11368354>>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:<<http://www.uniprot.org/citations/11368354>>11368354). Also acts as an inhibitor of autophagy: interacts with BECN1 and AMBRA1 during non-starvation conditions and inhibits their autophagy function (PubMed:<<http://www.uniprot.org/citations/18570871>>18570871, PubMed:<<http://www.uniprot.org/citations/20889974>>20889974, PubMed:<<http://www.uniprot.org/citations/21358617>>21358617).

target="_blank">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

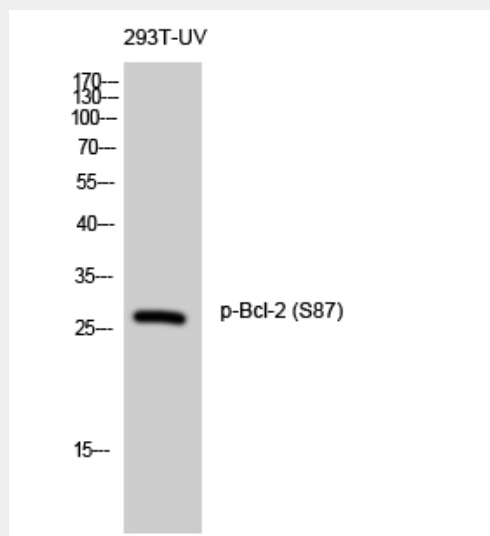
Expressed in a variety of tissues.

Bcl-2 (phospho Ser87) Polyclonal 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](#)

Bcl-2 (phospho Ser87) Polyclonal Antibody - Images



Western Blot analysis of 293T-UV cells using Phospho-Bcl-2 (S87) Polyclonal Antibody diluted at 1:500

Bcl-2 (phospho Ser87) Polyclonal 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). May attenuate inflammation by impairing

NLRP1-inflammasome activation, hence CASP1 activation and IL1B release (PubMed:17418785).