

Bcl-XL Antibody
Rabbit mAb
Catalog # AP90117

Specification

Bcl-XL Antibody - Product Information

Application	WB, IHC, FC, ICC, IP
Primary Accession	Q07817
Reactivity	Rat
Clonality	Monoclonal
Other Names	
Apoptosis regulator Bcl-X; BCL2L; Bcl-2-like 1 protein bclxl; BCL2L; BCL2L1; BCLX;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	26049 Da

Bcl-XL Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Bcl-XL
Description	The protein encoded by this gene belongs to the BCL-2 protein family. BCL-2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Bcl-XL Antibody - Protein Information

Name BCL2L1

Synonyms BCL2L, BCLX

Function

Potent inhibitor of cell death. Inhibits activation of caspases. Appears to regulate cell death by blocking the voltage- dependent anion channel (VDAC) by binding to it and preventing the release of the caspase activator, CYC1, from the mitochondrial membrane. Also acts as a regulator of G2 checkpoint and progression to cytokinesis during mitosis. Isoform Bcl-X(S) promotes apoptosis.

Cellular Location

[Isoform Bcl-X(L)]: Mitochondrion inner membrane. Mitochondrion outer membrane Mitochondrion matrix. Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane. Cytoplasm, cytosol.

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Nucleus membrane; Single-pass membrane protein; Cytoplasmic side. Note=After neuronal stimulation, translocates from cytosol to synaptic vesicle and mitochondrion membrane in a calmodulin-dependent manner (By similarity). Localizes to the centrosome when phosphorylated at Ser-49

Tissue Location

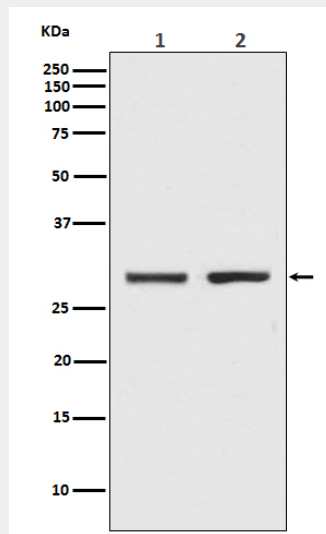
Bcl-X(S) is expressed at high levels in cells that undergo a high rate of turnover, such as developing lymphocytes. In contrast, Bcl-X(L) is found in tissues containing long-lived postmitotic cells, such as adult brain

Bcl-XL 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-XL Antibody - Images



Western blot analysis of Bcl-XL expression in (1) K562 cell lysate; (2) C6 cell lysate.