

BCL2L1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10179

Specification

BCL2L1 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q07817
Other Accession	NM_138578 , NP_612815
Reactivity	Human, Mouse, Rat, Pig, Sheep, Horse, Bovine, Dog
Predicted	Human, Mouse, Rat, Pig, Sheep, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26kDa KDa

BCL2L1 antibody - N-terminal region - Additional Information

Gene ID 598

Alias Symbol BCL-XL/S, BCL2L, BCLX, Bcl-X, DKFZp781P2092, bcl-xL, bcl-xS, BCLXL, BCLXS, PPP1R52

Other Names

Bcl-2-like protein 1, Bcl2-L-1, Apoptosis regulator Bcl-X, BCL2L1, BCL2L, BCLX

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 100 ul of distilled water. Final anti-BCL2L1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

BCL2L1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

BCL2L1 antibody - N-terminal region - 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

BCL2L1 antibody - N-terminal region - 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](#)

