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BCL2L1 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10179

Product Information

Application	WB
Primary Accession	Q07817
Other Accession	NM_138578, NP_612815
Reactivity	Human, Mouse, Rat, Pig, Dog, Horse, Bovine, Sheep
Predicted	Human, Mouse, Rat, Pig, Dog, Bovine, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26049

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.

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

References

Allikmets,R., (2006) J. Mol. Biol. 356 (2), 367-381 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images