

KD-Validated Anti-Bcl-XL Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1163

Product Information

Application	WB, FC, ICC
Primary Accession	Q07817
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB 3000
Calculated MW	26049
Gene Name	BCL2L1
Aliases	BCL2L1; BCL2 Like 1; BCL2L; BCLX; PPP1R52; Protein Phosphatase 1, Regulatory Subunit 52; Apoptosis Regulator Bcl-X; Bcl-2-Like Protein 1; Bcl-X; BCL-XL/S; Bcl2-L-1; Bcl-XL; Bcl-XS; BCL-XL; BCL-XS; BCL-X
Immunogen	A synthesized peptide derived from human Bcl-XL

Additional Information

Gene ID	598
Other Names	Bcl-2-like protein 1, Bcl2-L-1, Apoptosis regulator Bcl-X, BCL2L1, BCL2L, BCLX

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

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