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BCL2L1 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20816c

Specification

BCL2L1 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q07817
Other Accession	P53563, O77737, Q64373
Reactivity	**Human, Rat**
Predicted	**Mouse, Pig**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit Ig**
Calculated MW	**26049**

BCL2L1 Antibody (C-term) - Additional Information

Gene ID 598

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

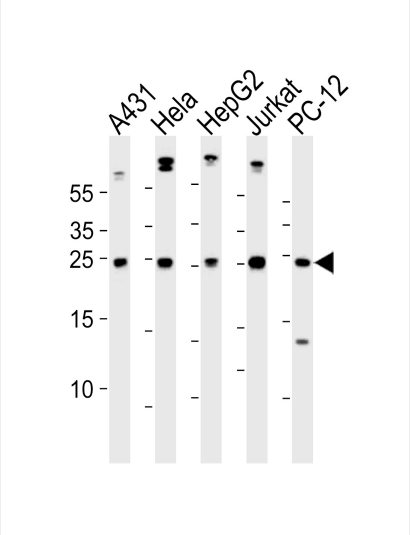
Target/Specificity
This BCL2L1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 195-229 amino acids from the C-terminal region of human BCL2L1.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
BCL2L1 Antibody (C-term) is for research



Western blot analysis of lysates from A431, Hela, HepG2, Jurkat, rat PC-12 cell line (from left to right), using BCL2L1 Antibody (C-term)(Cat. #AP20816c). AP20816c was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

BCL2L1 Antibody (C-term) - Background

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.

BCL2L1 Antibody (C-term) - References

Boise L.H.,et al.Cell 74:597-608(1993).
Ban J.,et al.Biochem. Biophys. Res. Commun. 248:147-152(1998).
Inohara N.,et al.Submitted (OCT-1996) to the

use only and not for use in diagnostic or therapeutic procedures.

BCL2L1 Antibody (C-term) - 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

EMBL/GenBank/DDBJ databases.
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.

BCL2L1 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

BCL2L1 Antibody (C-term) - Citations

- Photodynamic Therapy Using Indolines-Fused-Triazoles Induces Mitochondrial Apoptosis in Human Non-Melanoma BCC Cells.