

BCL2L1 Rabbit Anti-Human BCL2-Like 1 Affinity Purified pAb

Catalog No. CPB104 Quantity: 100 μg

Alternate Names: B-cell leukemia/lymphoma x, BCL2L, Bcl-X, BCL-XL/S, Bcl-xS

Gene ID: 598

Description: Rabbit Anti-Multispecies BCL2L1 Affinity Purified polyclonal antibody. BCL2L1 is a 30

kDa anti-apoptotic protein belonging to the BCL2 family. BCL2L1 prevents apoptosis through two different mechanisms: by heterodimerization with an apoptotic protein to inhibit its apoptotic effect, and by its direct pore-forming effect on the outer-membrane of mitochondria to help maintain a normal membrane state under stress conditions. BCL2L1 can be cleaved by caspases upon apoptotic activation, which converts BCL2L1 from an antiapoptotic protein to a proapoptotic cleavage product. The cleavage product of BCL2L1 forms cytochrome c-releasing pores in the mitochondrial membrane to facilitate

the apoptosis signaling pathway.

Concentration: 0.5 mg/ml

Specificity: Human, mouse, rat. Detects the 30 kDa BCL2L1 protein.

Host: Rabbit

Immunogen: Synthetic peptide surrounding amino acid 56 of human BCL2L1

Formulation: Liquid in PBS, pH 7.2 + 30% glycerol + 0.5% BSA + 0.01% thimerosal. Precaution:

Thimerosal is a poisonous and hazardous substance which should be handled by trained

staff only.

Purification: Biospecific affinity chromatography

Cross-Reactivity: Does not react with other BCL2 family members.

Applications: Western Blot

Immunoprecipitation

Application Notes: For Western Blot, use a working dilution of 0.5-4 μg/ml.

For Immunoprecipitation, use a working dilution of 20 µg/ml. Blocking Peptide (Cat. No. CPB104BP) available separately.

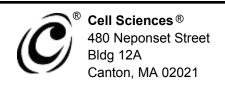
The optimal concentration should be determined by the user for each specific application.

Storage & Stability: Store at -20°C or in working aliquots at -80°C for long term storage. Avoid repeated

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freeze-thaw cycles.

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