

BCL2L1

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 26kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human BCL2L1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

bdi

Synonym:

BCL2L1;BCL-XL/S;BCL2L;BCLX;Bcl-X;DKFZp781P2092;bcl-xL;bcl-xS;BCLXS

Catalog #: A0209

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 598

Isotype: IgG

Swiss Prot: Q07817

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene belongs to the BCL-2 protein family. BCL-2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. The proteins encoded by this gene are located at the outer mitochondrial membrane, and have been shown to regulate outer mitochondrial membrane channel (VDAC) opening. VDAC regulates mitochondrial membrane potential, and thus controls the production of reactive oxygen species and release of cytochrome C by mitochondria, both of which are the potent inducers of cell apoptosis. Two alternatively spliced transcript variants, which encode distinct isoforms, have been reported. The longer isoform acts as an apoptotic inhibitor and the shorter form acts as an apoptotic activator. [provided by RefSeq]

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