

BCL2A1

Reactivity: Human Mouse

Tested applications: WB IHC FC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:100 FC 1:20 - 1:50

Calculated MW: 20kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human BCL2A1

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

b

Synonym:

GRS; BFL1; ACC-1; ACC-2; HBPA1; BCL2L5;

Catalog #: A0134

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 597

Isotype: IgG

Swiss Prot: Q16548

Purity: Affinity purification

For research use only.

Background:

This gene encodes a member of the BCL-2 protein family. The proteins of this family form hetero- or homodimers and act as anti- and pro-apoptotic regulators that are involved in a wide variety of cellular activities such as embryonic development, homeostasis and tumorigenesis. The protein encoded by this gene is able to reduce the release of pro-apoptotic cytochrome c from mitochondria and block caspase activation. This gene is a direct transcription target of NF-kappa B in response to inflammatory mediators, and is up-regulated by different extracellular signals, such as granulocyte-macrophage colony-stimulating factor (GM-CSF), CD40, phorbol ester and inflammatory cytokine TNF and IL-1, which suggests a cytoprotective function that is essential for lymphocyte activation as well as cell survival. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

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