

Anti-Bcl2A1 Antibody

Catalog # ABO11408

Product Information

Application	WB
Primary Accession	Q16548
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Bcl-2-related protein A1(BCL2A1) detection. Tested with WB in Human.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	597
Other Names	Bcl-2-related protein A1, Bcl-2-like protein 5, Bcl2-L-5, Hemopoietic-specific early response protein, Protein BFL-1, Protein GRS, BCL2A1, BCL2L5, BFL1, GRS, HBPA1
Calculated MW	20132
Application Details	Western blot, 0.1-0.5 µg/ml, Human
Subcellular Localization	Cytoplasm.
Tissue Specificity	Seems to be restricted to the hematopoietic compartment. Expressed in peripheral blood, spleen, and bone marrow, at moderate levels in lung, small intestine and testis, at a minimal levels in other tissues. Also found in vascular smooth muscle cells and hematopoietic malignancies.
Source	Eukaryota
Protein Name	Bcl-2-related protein A1
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃ .
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human Bcl2A1(1-16aa MTDCEFGYIYRLAQDY).
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins

Storage	At -20 °C for one year. After reconstitution, at 4 °C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
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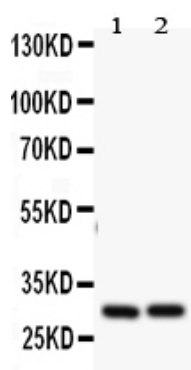
Protein Information

Name	BCL2A1
Synonyms	BCL2L5, BFL1, GRS, HBPA1
Function	Retards apoptosis induced by IL-3 deprivation. May function in the response of hemopoietic cells to external signals and in maintaining endothelial survival during infection (By similarity). Can inhibit apoptosis induced by serum starvation in the mammary epithelial cell line HC11 (By similarity).
Cellular Location	Cytoplasm.
Tissue Location	Seems to be restricted to the hematopoietic compartment. Expressed in peripheral blood, spleen, and bone marrow, at moderate levels in lung, small intestine and testis, at a minimal levels in other tissues. Also found in vascular smooth muscle cells and hematopoietic malignancies

Background

Bcl-2-related protein A1(BCL2A1), is the human homolog of the murine A1, and maps to chromosome 15q24.3. The BCL2A1 gene has also been referred to as BCL2L5, BFL1, and GRS. Bfl-1 protein suppresses apoptosis induced by the p53 tumor suppressor protein in a manner similar to other Bcl-2 family members such as Bcl-2, Bcl-xL and EBV-BHRF1. In addition, the bfl-I gene cooperates efficiently with the Ela oncogene in transformation of primary rodent epithelial cells. The human bfl-1 gene may play an important role in carcinogenesis.

Images



Anti- Bcl2A1 antibody, ABO11408, Western blotting
lanes: Anti Bcl2A1(ABO11408) at 0.5ug/ml
Lane 1: HELA Whole Cell Lysate at 40ug
Lane 2: JURKAT Whole Cell Lysate at 40ug
Predicted bind size: 30KD
Observed bind size: 30KD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.