



B2LA1 Polyclonal Antibody

Catalog No	YP-Ab-07716
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	BCL2A1 BCL2L5 BFL1 GRS HBPA1
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	B2LA1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	A1;Bcl2a1;Bfl-1;Hbpa1;Bcl2a1d;B2LA1_MOUSE;A1-A;Hemopoietic-specific early response protein;Protein BFL-1;Bcl2a1a;Bfl1;ACC-1;ACC-2;ACC1;ACC2;BCL2L5;GRS;BCL2 related protein A1;B2LA1;BCL2A1 BCL2L5 BFL1 GRS HBPA1;Bcl-2-related protein A1 (Bcl-2-like protein 5) (Bcl2-L-5) (Hemopoietic-specific early response protein) (Protein BFL-1) (Protein GRS)
Observed Band	19kD
Calculated Molecular Weight	19kD
Cell Pathway	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.
Function	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.,induction:By phorbol ester and inflammatory cytokines, such as TNF-alpha, or IL-1-beta, but not by growth factors.,similarity:Belongs to the Bcl-2 family.,subunit:Interacts directly with BAK1, BID, BMF and BBC3 (By similarity). Interacts directly with BCL2L11/BIM. Interacts with BAX isoform



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Background

BCL2 related protein A1(BCL2A1) Homo sapiens 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. [p

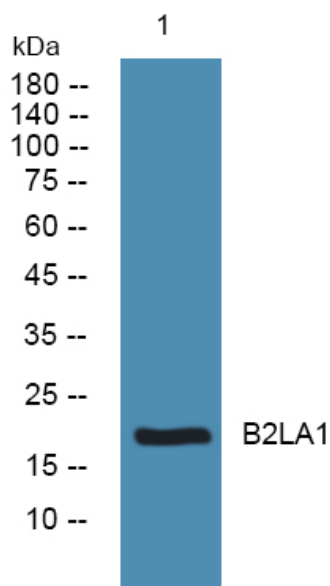
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from Jarkat cells, primary antibody was diluted at 1:1000, 4° over night