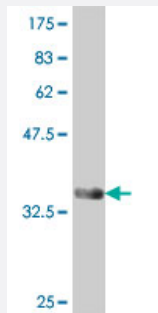


BCL2A1 polyclonal antibody (A01)

Catalog # H00000597-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant BCL2A1.
Immunogen	BCL2A1 (AAH16281, 31 a.a. ~ 130 a.a) partial recombinant protein with GST tag.
Sequence	SKTSRVLQNVAFSVQKEVEKNLKSCLDNVNVVSVDTARTLFNQVMEKEFEDGIINWGRVTIFA FE GILIKLLRQQIAPDVDTYKEISYFVAEFIMNNT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (76); Rat (79)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — BCL2A1

Entrez GeneID [597](#)

GeneBank Accession# [BC016281](#)

Protein Accession# [AAH16281](#)

Gene Name BCL2A1

Gene Alias ACC-1, ACC-2, BCL2L5, BFL1, GRS, HBPA1

Gene Description BCL2-related protein A1

Omim ID [601056](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations hematopoietic BCL2-related protein A1

Pathway

- [Metabolic pathways](#)

Disease

- [Cardiovascular Diseases](#)

- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Kidney Failure](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Occupational Diseases](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)