

A1 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10293**Specification**

A1 Antibody - Product Information

Application	WB
Primary Accession	Q16548
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	20132

A1 Antibody - Additional Information**Gene ID 597**

Application & Usage	Western blotting (0.5-4 µg/ml), immunoprecipitation, and Immunohistochemistry. However, the optimal conditions should be determined individually. The A1 antibody detects A1 (Bfl-1) of human, mouse, and rat origins.
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Other Names

Bfl-1

Target/Specificity

Bcl-2-related protein A1

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.2 mg/ml) protein A purified rabbit anti-A1 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

A1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

A1 Antibody - 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

A1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

A1 Antibody - Images

A1 Antibody - Background

A1 (also designated Bfl-1) is a Bcl-2 family protein that dimerizes with both Bcl-2 and Bax, and has been identified as a hematopoietic-specific, early inducible gene. Although A1 demonstrated properties similar to those of Bcl-2, its function may be more temporally regulated during myeloid differentiation and is dependent on additional growth stimuli to confer its life promoting properties. A1 is abundantly expressed in bone marrow and at low levels in other tissues. A1 expression has been correlated to stomach cancer.