

Datasheet for ABIN6990658
anti-BCL2A1 antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	BCL2A1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BCL2A1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	Bfl-1 antibody was raised against a 14 amino acid synthetic peptide from near the amino terminus of human Bfl-1. The immunogen is located within the first 50 amino acids of Bfl-1.
Isotype:	IgG
Specificity:	At least two isoforms of Bfl-1 are known to exist, this antibody will detect both isoforms.
Purification:	Bfl-1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	BCL2A1
Alternative Name:	Bfl-1 (BCL2A1 Products)

Target Details

Background:	Bfl-1 Antibody: Apoptosis plays a major role in normal organism development, tissue homeostasis, and removal of damaged cells and is caused by caspase activation. Proteins that comprise the Bcl-2 family appear to control the activation of these enzymes. One such member is multi-domain antiapoptotic protein Bfl-1, which is overexpressed in stomach and other cancers. Bfl-1 can interact with Bax and suppress apoptosis by inhibiting the release of cytochrome c and caspase-3 activation. It is upregulated in cisplatin-resistant human bladder tumors, suggesting that its expression may be important for cisplatin resistance and inhibition of apoptosis in cancer cells. At least two isoforms of Bfl-1 are known to exist.
Molecular Weight:	Predicted: 18, 19 kDa Observed: 22 kDa
Gene ID:	597
NCBI Accession:	NP_004040
UniProt:	Q16548

Application Details

Application Notes:	Bfl-1 antibody can be used for the detection of Bfl-1 by Western blot at 1 - 2 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in human samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Bfl-1 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C

Handling

Storage Comment: Bfl-1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.