

Rabbit Bfl-1 Polyclonal Antibody | anti-BCL2A1 antibody

Bfl-1 Antibody

CATALOG # AAA39325	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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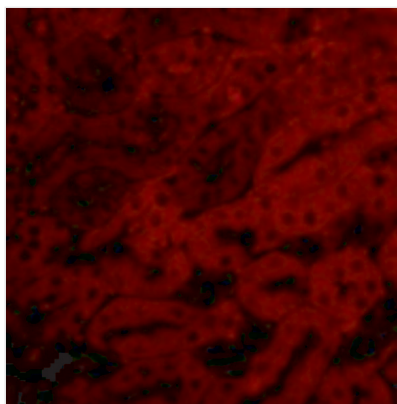
PRODUCT SYNONYMS

Bfl-1; Polyclonal Antibody; Bfl-1 Antibody; GRS; BFL1; ACC-1; ACC-2; HBPA1; BCL2L5; Bcl-2-related protein A1; Bcl-2-like protein 5; Bcl2-L-5; BCL2-related protein A1; anti-BCL2A1 antibody

PRODUCT SPECIFICATIONS

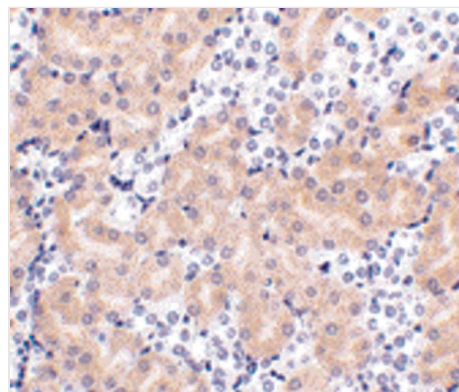
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Bfl-1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	175
Applicable Applications for anti-BCL2A1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Bfl-1 antibody was raised against a 14 amino acid synthetic peptide from near the amino terminus of human Bfl-1.
Buffer	Bfl-1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Antibody can be stored at 4 degree C up to one year. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



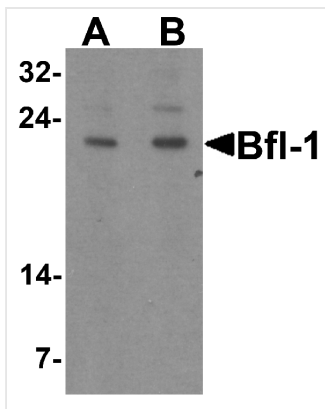
IF (Immunofluorescence)

Immunofluorescence of Bfl-1 in Mouse Kidney tissue with Bfl-1 antibody at 20 ug/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of Bfl-1 in mouse kidney tissue with Bfl-1 antibody at 2 ug/mL.



WB (Western Blot)

Western blot analysis of Bfl-1 in human kidney tissue lysate with Bfl-1 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-BCL2A1 antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757840
NCBI GeneID	597
NCBI Accession #	NP_004040
NCBI GenBank Nucleotide #	NM_004049.3
UniProt Accession #	Q16548; Q6FGZ4; Q6FH19; Q86W13; Q99524
Molecular Weight	18,746 Da
NCBI Official Full Name	bcl-2-related protein A1 isoform 1
NCBI Official Synonym Full Names	BCL2-related protein A1
NCBI Official Symbol	BCL2A1
NCBI Official Synonym Symbols	GRS; BFL1; ACC-1; ACC-2; HBPA1; BCL2L5
NCBI Protein Information	bcl-2-related protein A1; bcl2-L-5; protein BFL-1; bcl-2-like protein 5; hematopoietic BCL2-related protein A1; hemopoietic-specific early response protein
UniProt Protein Name	Bcl-2-related protein A1
UniProt Gene Name	BCL2A1
UniProt Synonym Gene Names	BCL2L5; BFL1; GRS; HBPA1; Bcl2-L-5
UniProt Entry Name	B2LA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.