

Rabbit anti-Human BCL2A1 Polyclonal Antibody | anti-BCL2A1 antibody

BCL2A1 Antibody (Center)

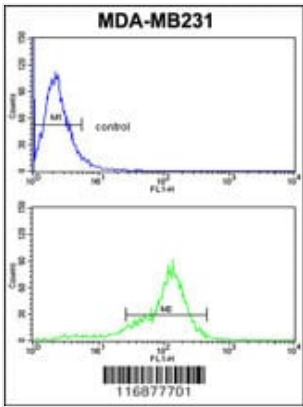
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284963	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

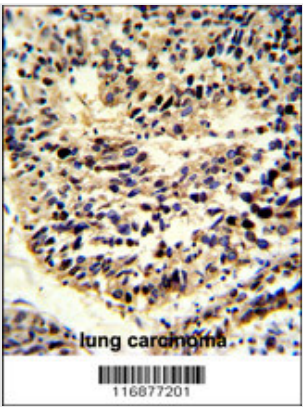
BCL2A1; Polyclonal Antibody; BCL2A1 Antibody (Center); Bcl-2-related protein A1; Bcl-2-like protein 5; Bcl2-L-5; Hemopoietic-specific early response protein; Protein BFL-1; Protein GRS; BCL2L5; BFL1; GRS; HBPA1; anti-BCL2A1 antibody

PRODUCT SPECIFICATIONS

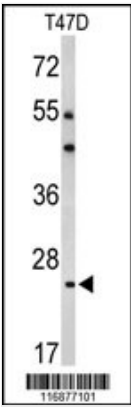
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This BCL2A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 53-81 amino acids from the Central region of human BCL2A1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	53-81
Sequence Length	163
Applicable Applications for anti-BCL2A1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
BCL2A1 Antibody (Center) flow cytometric analysis of MDA-MB231 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma reacted with BCL2A1 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of BCL2A1 Antibody (Center) in T47D cell line lysates (35ug/lane). BCL2A1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-BCL2A1 antibody	Bcl-2 related Protein A1 is 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 has been shown to be 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.
Product Categories/Family for anti-BCL2A1 antibody	Cell Biology
References	Akatsuka, Y., et al., J. Exp. Med. 197(11):1489-1500 (2003). Edelstein, L.C., et al., Mol. Cell. Biol. 23(8):2749-2761 (2003). Werner, A.B., et al., J. Biol. Chem. 277(25):22781-22788 (2002). Akari, H., et al., J. Exp. Med. 194(9):1299-1311 (2001). Harrington, J.J., et al., Nat. Biotechnol. 19(5):440-445 (2001).

NCBI AND UNIPROT INFORMATION

NCBI GI #	168480072
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NCBI GeneID	597
NCBI Accession #	NP_001108207.1; NP_004040.1
NCBI GenBank Nucleotide #	NM_001114735.1
UniProt Accession #	Q16548; Q6FGZ4; Q6FH19; Q86W13; Q99524
Molecular Weight	20132
NCBI Official Full Name	bcl-2-related protein A1 isoform 2
NCBI Official Synonym Full Names	BCL2-related protein A1
NCBI Official Symbol	BCL2A1
NCBI Official Synonym Symbols	GRS; ACC1; ACC2; BFL1; ACC-1; ACC-2; HBPA1; BCL2L5
NCBI Protein Information	bcl-2-related protein A1
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bcl2a1-antibody-immunohistochemistry-western-blot-flow-cytometry-elisa/284963>