

Rabbit anti-Human Bcl-2 Polyclonal Antibody | anti-BCL2 antibody

Anti-Bcl-2 Antibody, Rabbit Polyclonal

CATALOG # AAA256270	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

Bcl-2; Polyclonal Antibody; Anti-Bcl-2 Antibody; Rabbit Polyclonal; Bcl-2 Antibody; Rabbit PAb; Antigen Affinity Purified; B-cell CLL/lymphoma 2; Anti-PPP1R50 Antibody; anti-BCL2 antibody

PRODUCT SPECIFICATIONS

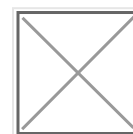
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Bcl-2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-BCL2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E Coli-derived Human Bcl-2 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human Bcl-2 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

Bcl2 was immunoprecipitated using: Lane A: 0.5 mg Jurkat Whole Cell Lysate, 4 uL anti-Bcl2 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-Bcl2 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 26 kDa. Observed band size: 26 kDa.



WB (Western Blot)

Anti-Bcl2 rabbit polyclonal antibody at 1:500 dilution. Lane A: Raji Whole Cell Lysate. Lane B: Jurkat Whole Cell Lysate. Lane C: U-251MG Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 26 kDa. Observed band size: 26 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-BCL2 antibody	BCL2 (B-cell leukemia/lymphoma 2, N-Histidine-tagged), also known as Bcl-2, belongs to the Bcl-2 family. Bcl-2 family proteins regulate and contribute to programmed cell death or apoptosis. It is a large protein family and all members contain at least one of four BH (bcl-2 homology) domains. Certain members such as Bcl-2, Bcl-xl and Mcl1 are anti-apoptotic, whilst others are pro-apoptotic. Most Bcl-2 family members contain a C-terminal transmembrane domain that functions to target these proteins to the outer mitochondrial and other intracellular membranes. It is expressed in a variety of tissues. BCL2 blocks the apoptotic death of some cells such as lymphocytes. It also regulates cell death by controlling the mitochondrial membrane permeability and inhibits caspase activity either by preventing the release of cytochrome c from the mitochondria and/or by binding to the apoptosis-activating factor. Constitutive expression of BCL2, such as in the case of translocation of BCL2 to Ig heavy chain locus, is thought to be the cause of follicular lymphoma. Two transcript variants, produced by alternate splicing, differ in their C-terminal ends.
Product Categories/Family for anti-BCL2 antibody	Cancer Drug Targets; Death Receptor Signaling
References	Tsujimoto Y, et al. (1984) Cloning of the chromosome breakpoint of neoplastic B cells with the t(14;18) chromosome translocation. Science. 226(4678):1097-99. Cleary ML, et al. (1986) Cloning and structural analysis of cDNAs for bcl-2 and a hybrid bcl-2/immunoglobulin transcript resulting from the t(14;18) translocation. Cell. 47(1):19-28. Otake Y, et al. (2007) Overexpression of nucleolin in chronic lymphocytic leukemia cells induces stabilization of Bcl-2/Bcl-2 mRNA. Blood. 109(7):3069-75.

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/bcl-2-antibody-immunoprecipitation-western-blot-elisa/256270>