

Rabbit Bcl-2 Polyclonal Antibody | anti-BCL2 antibody

Bcl-2 Antibody (BH3 Domain Specific)

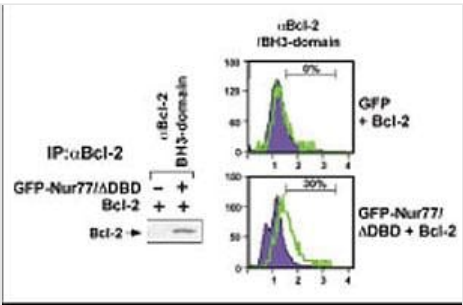
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290344	Rabbit	Human (Predicted Reactivity: Bovine)	Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

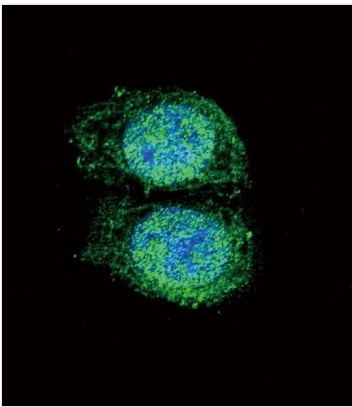
Bcl-2; Polyclonal Antibody; Bcl-2 Antibody (BH3 Domain Specific); Apoptosis regulator Bcl-2; BCL2; anti-BCL2 antibody

PRODUCT SPECIFICATIONS

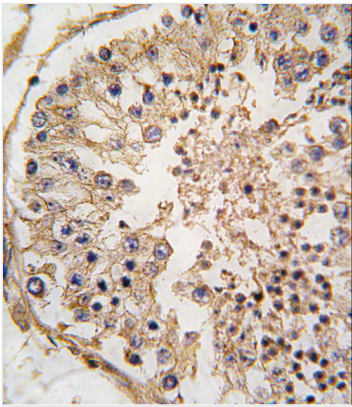
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Bcl antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 75-110 amino acids from human Bcl.
Purity/Purification	Purified Rabbit Polyclonal Antibody (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	75-110
Sequence Length	205
Applicable Applications for anti-BCL2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
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.



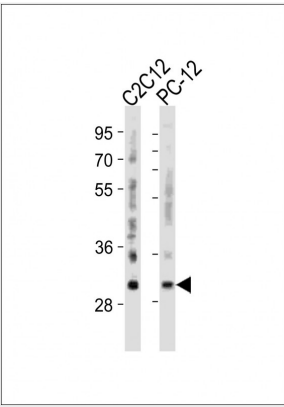
WB (Western Blot)
Left panel, analysis of Bcl-2 BH3 domain exposure in HEK293 cells transfected with a plasmid coding for a DNA-binding domain-deleted construct of Nur77 (GFP-Nur77/ΔDBD) by using AAA290344 antibody for immunoprecipitation (IP) and a different Bcl-2 antibody for western blot. Right panel, same analysis using AAA290344 in flow cytometry. Data courtesy Dr Quan Chen, Chinese Academy of Sciences.



IF (Immunofluorescence)
Confocal immunofluorescent analysis of Bcl-2 Antibody (BH3 Domain Specific) with Hela cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human testis tissue reacted with Bcl-2 BH3 Domain Antibody, 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 lysates from mouse C2C12, rat PC-12 cell line (from left to right), using Bcl-2-BH3 Antibody. AAA290344 was diluted at 1:500 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-BCL2 antibody	BCL2 is integral outer mitochondrial membrane protein that blocks the apoptotic death of some cells such as lymphocytes. 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.
Product Categories/Family for anti-BCL2 antibody	Cancer; Cell Biology; Metabolism; Signal Transduction; Amyotrophic Lateral Sclerosis (ALS); Phospho Antibodies
References	Zhu, C.J., et al., J. Neurosci. Res. 74(1):60-66 (2003). Scopa, C.D., et al., Dig. Dis. Sci. 48(10):1990-1997 (2003). Grace, V.M., et al., Gynecol. Oncol. 91(1):51-58 (2003). Thoulouze, M.I., et al., Virology 314(2):549-561 (2003). Iwata, A., et al., J. Immunol. 171(6):3136-3141 (2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	72198189
NCBI GeneID	596
NCBI Accession #	NP_000624.2
NCBI GenBank Nucleotide #	NM_000633.2
UniProt Accession #	P10415; P10416; Q13842; Q16197; C9JHD5

Molecular Weight	26266
NCBI Official Full Name	apoptosis regulator Bcl-2 alpha isoform
NCBI Official Synonym Full Names	B-cell CLL/lymphoma 2
NCBI Official Symbol	BCL2
NCBI Official Synonym Symbols	Bcl-2; PPP1R50
NCBI Protein Information	apoptosis regulator Bcl-2
UniProt Protein Name	Apoptosis regulator Bcl-2
UniProt Gene Name	BCL2
UniProt Entry Name	BCL2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/bcl-2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/290344>