

Rabbit BCL2 Polyclonal Antibody | anti-BCL2 antibody

BCL2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA166269	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

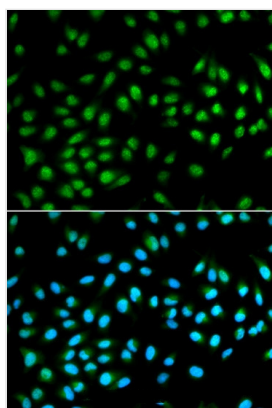
PRODUCT SYNONYMS

BCL2; Polyclonal Antibody; BCL2 Antibody; Bcl-2; ONCOGENE B-CELL LEUKEMIA 2; Apoptosis regulator Bcl-2; anti-BCL2 antibody

PRODUCT SPECIFICATIONS

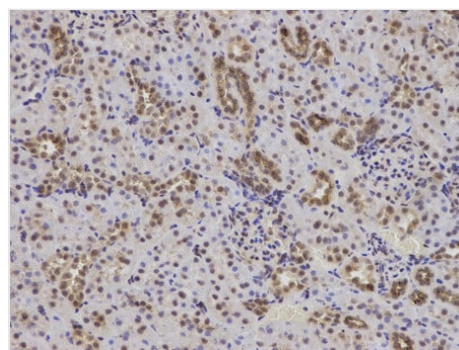
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	228
Applicable Applications for anti-BCL2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human BCL2
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-65392 / sc-56018 / sc-56015 / sc-130308 / sc-509 / sc-7382 / sc-130307
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



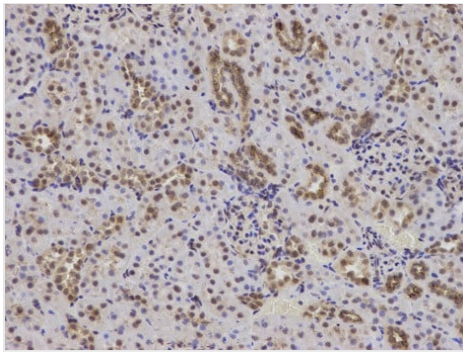
IF (Immunofluorescence)

Immunofluorescence analysis of A549 cell using BCL2 antibody. Blue: DAPI for nuclear staining.



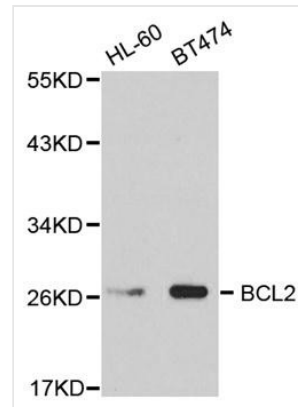
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse lung using BCL2 antibody at dilution of 1:100 (200x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using BCL2 antibody at dilution of 1:100 (200x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines using BCL2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-BCL2 antibody

BCL2 exerts a survival function in response to a wide range of apoptotic stimuli through inhibition of mitochondrial cytochrome c release (1). It has been implicated in modulating mitochondrial calcium homeostasis and proton flux (2). Several phosphorylation sites have been identified within BCL2 including Thr56, Ser70, Thr74 and Ser87 (3). It has been suggested that these phosphorylation sites may be targets of the ASK1/MKK7/JNK1 pathway, and that phosphorylation of BCL2 may be a marker for mitotic events (4, 5). Mutation of BCL2 at Thr56 or Ser87 inhibits its anti-apoptotic activity during glucocorticoid-induced apoptosis of T lymphocytes (6). Interleukin 3 and JNK-induced BCL2 phosphorylation at Ser70 may be required for its enhanced anti-apoptotic functions (7).

NCBI AND UNIPROT INFORMATION

NCBI GI #	71834668
NCBI GeneID	570772
NCBI Accession #	NP_001025424.1
NCBI GenBank Nucleotide #	NM_001030253.2
NCBI Official Full Name	Bcl2
NCBI Official Synonym Full Names	B-cell CLL/lymphoma 2a
NCBI Official Symbol	bcl2a
NCBI Official Synonym Symbols	bcl2
NCBI Protein Information	Bcl2; B-cell leukemia/lymphoma 2; B-cell leukemia/lymphoma 2a; zB1p2

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/bcl2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/166269>