

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

BCL2 Antibody

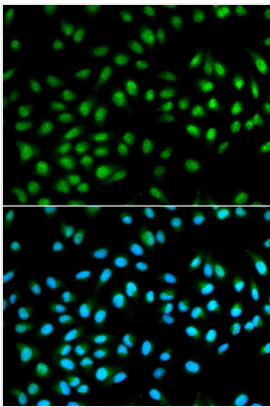
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29670	Rabbit	Human	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

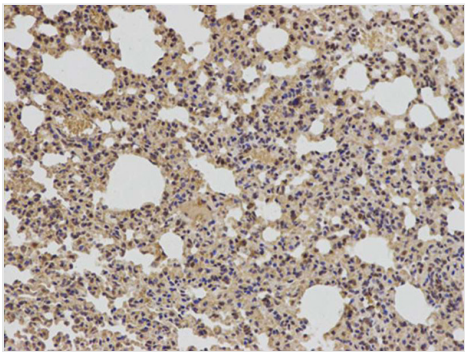
BCL2; Polyclonal Antibody; BCL2 Antibody; Bcl-2; ONCOGENE-B-CELL-LEUKEMIA2; ApoptosisregulatorBcl-2; anti-BCL2 antibody

PRODUCT SPECIFICATIONS

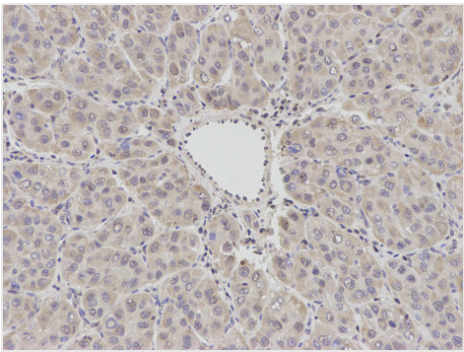
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total BCL2 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Applicable Applications for anti-BCL2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	Western blotting: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human BCL2.
Target Name	BCL2
Preparation and Storage	Store at -20 degree C



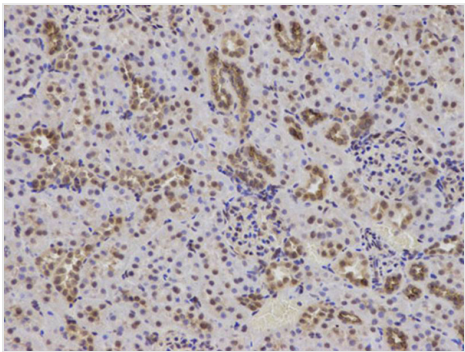
IF (Immunofluorescence)
Immunofluorescence analysis of A549 cell using BCL2 antibody. Blue: DAPI for nuclear staining.



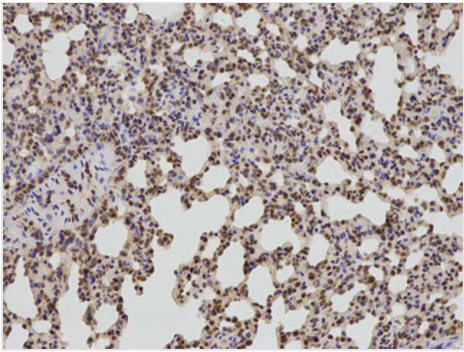
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded rat lung using BCL2 antibody at dilution of 1:100 (200x lens).



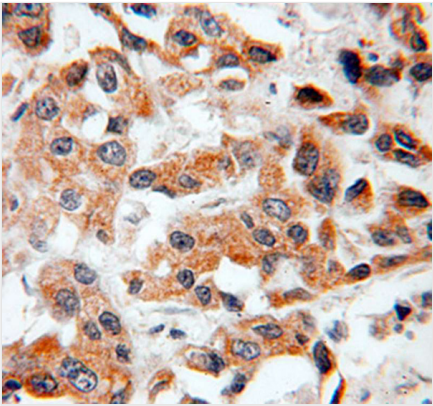
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded rat kidney using BCL2 antibody at dilution of 1:100 (200x lens).



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



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



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded Breast cancer 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).

Product Categories/Family for anti-BCL2 antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

UniProt Accession #

P104153

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://www.aaabiotech.com/polyclonal/bcl2-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/29670>