

Rabbit anti-Mouse BCL2L2/Bcl-w Polyclonal Antibody | anti-BCL2L2 antibody

BCL2L2/Bcl-w Rabbit anti-Mouse Polyclonal (aa122-171) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162673	Rabbit	Mouse	Western Blot, Immunohistochemistry, Immunohistochemistry

PRODUCT SYNONYMS

BCL2L2/Bcl-w; Polyclonal Antibody; BCL2L2/Bcl-w Rabbit anti-Mouse Polyclonal (aa122-171) Antibody; PathPlus BCL2L2/Bcl-w Antibody (aa122-171); BCL2L2; BCLW; BCL2-L-2; KIAA0271; PPP1R51; Apoptosis regulator Bcl-W; Bcl-2-like protein 2; BCL-W; BCL2-like 2; anti-BCL2L2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Specificity	Mouse BCL2L2/BCL-W
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.09% sodium azide, 2% sucrose
Concentration	0.5mg/ml (varies by lot)
Applicable Applications for anti-BCL2L2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Target	Mouse BCL2L2/Bcl-w
Immunogen	Synthetic peptide located between aa122-171 of mouse Bcl2l2 (P70345, NP_031563). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Dog, Cat, Bovine, Elephant, Panda, Horse, Pig, Opossum, Guinea pig (100%); Rabbit, Platypus (93%); Xenopus (86%).
Conjugation	Unconjugated
Epitope	aa122-171
Family	Apoptosis
Preparation and Storage	Short term: Store at 2-8 degree C. Long term: Aliquot and store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemisry)

BCL2L2/Bcl-w Antibody-Human Pancreas: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohiostchemistry)

BCL2L2/Bcl-w Antibody-Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)



WB (Western Blot)

BCL2L2/Bcl-w Antibody-This image was taken for the unconjugated form of this product. Other forms have not been tested.

ADDITIONAL INFORMATION

Related Product Information for anti-BCL2L2 antibody	Bcl-w antibody is an unconjugated rabbit polyclonal antibody to mouse Bcl-w (BCL2L2)(aa122-171). Validated for IHC and WB. BCL2L2 (Bcl-2-like protein 2, Bcl-w) is an anti-apoptotic protein involved in NGF- and BDNF-dependent neuron survival. BCL2L2 is overexpressed in the ischemic brain, particularly in the mitochondria of neurons in the penumbal cortex but also in reactive astrocytes, and is thought to have neuroprotective functions against neuronal death. BCL2L2 also modulates neuronal excitability via GABA-mediated currents, which are disrupted in seizures. In cancer, BCL2L2 is positive in glioblastoma, gastric cancer and colorectal adenocarcinoma, and is thought to contribute to the stem-ness and aggressiveness of tumor cells. In immunohistochemistry of normal tissue, BCL2L2 has cytoplasmic positivity in all tissues.
References	Development. 2001 Dec;128(23):4715-28, PMID: 11731452; Development. 2001 128: 447-457, PMID: 11152643; J Cereb Blood Flow Metab. 2000 Mar;20(3):620-30, PMID: 10724126; Front Cell Neurosci. 2014; 8: 281, PMID: 25324720; Oncotarget. 2015 Jul 30; 6(21): 18429 -18444, PMID: 26155940;

NCBI AND UNIPROT INFORMATION

NCBI GI #	315360669
NCBI GeneID	599
NCBI Accession #	NP_004041.1
NCBI GenBank Nucleotide #	NM_004050
UniProt Accession #	Q92843 ; Q2M3U0 ; Q5U0H4 ; A8K0F4
Molecular Weight	20,746 Da
NCBI Official Full Name	Homo sapiens BCL2-like 2 (BCL2L2), transcript variant 1, mRNA
NCBI Official Synonym Full Names	BCL2-like 2
NCBI Official Symbol	BCL2L2
NCBI Official Synonym Symbols	BCLW; BCL-W; PPP1R51; BCL2-L-2
NCBI Protein Information	bcl-2-like protein 2; apoptosis regulator BCL-W; protein phosphatase 1, regulatory subunit 51
UniProt Protein Name	Bcl-2-like protein 2
UniProt Gene Name	BCL2L2
UniProt Synonym Gene Names	BCLW; KIAA0271; Bcl2-L-2
UniProt Entry Name	B2CL2_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/bcl2l2-bcl-w-antibody-western-blot-immunohistochemistry-immunohistochemistry-elisa/162673>