

Rabbit Bcl-XL Polyclonal Antibody | anti-BCL2L1 antibody

Anti-Bcl-XL Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46711	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

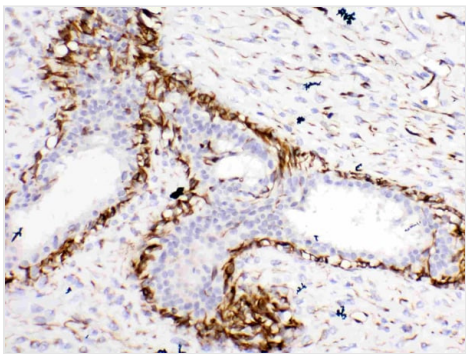
PRODUCT SYNONYMS

Bcl-XL; Polyclonal Antibody; Anti-Bcl-XL Antibody; Bcl X; Bcl xL; BCL XL/S; Bcl xS; Bcl2-L-1; BCL2L; Bcl2l1; BCLX; BclXL; BclXs; PPP1R52; Q07817; Bcl-2-like protein 1; BCL2-like 1; anti-BCL2L1 antibody

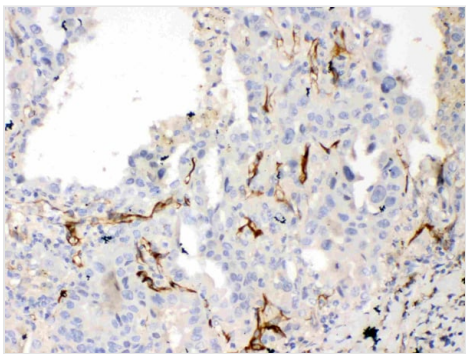
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	170
Applicable Applications for anti-BCL2L1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Notes	Tested Species: In-house tested species with positive results. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections. Other applications have not been tested.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E Coli-derived human Bcl-XL recombinant protein (Position: M1-T219). Human Bcl-XL shares 97.9% amino acid (aa) sequence identity with both mouse and rat Bcl-XL.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

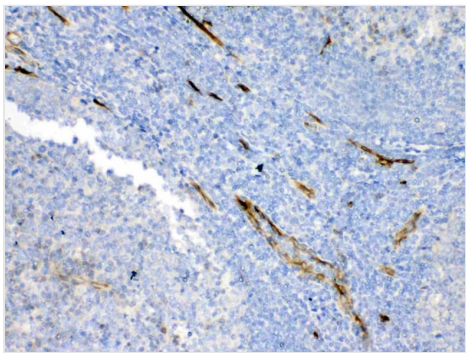
IMAGES



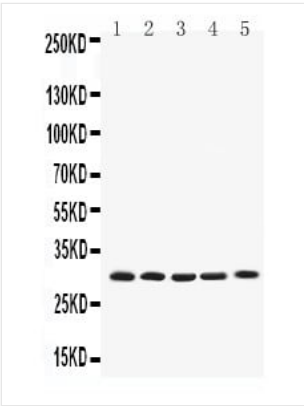
IHC (Immunohistochemistry)
Bcl-XL was detected in paraffin-embedded sections of human mammary cancer tissues using rabbit anti- Bcl-XL Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohistochemistry)
Bcl-XL was detected in paraffin-embedded sections of human lung cancer tissues using rabbit anti- Bcl-XL Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohistochemistry)
Bcl-XL was detected in paraffin-embedded sections of human tonsil tissues using rabbit anti- Bcl-XL Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



WB (Western Blot)
Western blot analysis of Bcl-XL expression in rat thymus extract (lane 1), NIH3T3 whole cell lysates lane 2), HEPA1-6 whole cell lysates (lane 3), SGC7901 whole cell lysates (lane 4) and HEPG2 whole cell lysates (lane 5). Bcl-XL at 30KD was detected using rabbit anti- Bcl-XL Antigen Affinity purified polyclonal antibody at 0.5ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-BCL2L1 antibody	Rabbit IgG polyclonal antibody for Bcl-2-like protein 1(BCL2L1) detection. Background: Bcl-2-like protein 1, also known as Bcl-XL, is a protein that in humans is encoded by the BCL2L1 gene. The protein encoded by this gene belongs to the BCL-2 protein family. BCL-2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. The proteins encoded by this gene are located at the outer mitochondrial membrane, and have been shown to regulate outer mitochondrial membrane channel (VDAC) opening. VDAC regulates mitochondrial membrane potential, and thus controls the production of reactive oxygen species and release of cytochrome C by mitochondria, both of which are the potent inducers of cell apoptosis. Alternative splicing results in multiple transcript variants encoding two different isoforms. The longer isoform (Bcl-xL) acts as an apoptotic inhibitor and the shorter form (Bcl-xS) acts as an apoptotic activator.
References	1. "Entrez Gene: BCL2L1 BCL2-like 1". 2. Boise LH, González-García M, Postema CE, Ding L, Lindsten T, Turka LA, Mao X, Nuñez G, Thompson CB (Aug 1993). "bcl-x, a bcl-2-related gene that functions as a dominant regulator of apoptotic cell death". Cell 74(4): 597-608.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502381
NCBI GeneID	598

NCBI Accession #	NP_001182.1
NCBI GenBank Nucleotide #	NM_001191.3
UniProt Accession #	Q07817; Q5CZ89; Q5TE65; Q92976; E1P5L6
Molecular Weight	25,290 Da
NCBI Official Full Name	bcl-2-like protein 1 isoform Bcl-X(S)
NCBI Official Synonym Full Names	BCL2 like 1
NCBI Official Symbol	BCL2L1
NCBI Official Synonym Symbols	BCLX; BCL2L; Bcl-X; PPP1R52; BCL-XL/S
NCBI Protein Information	bcl-2-like protein 1
UniProt Protein Name	Bcl-2-like protein 1
UniProt Gene Name	BCL2L1
UniProt Synonym Gene Names	BCL2L; BCLX; Bcl2-L-1

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-xl-antibody-immunohistochemistry-western-blot-elisa/46711>