

Rabbit anti-Mouse Bcl-XL Polyclonal Antibody | anti-BCL2L1 antibody

Anti-Bcl-XL Antibody, Rabbit Polyclonal

CATALOG # AAA257050	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, ELISA
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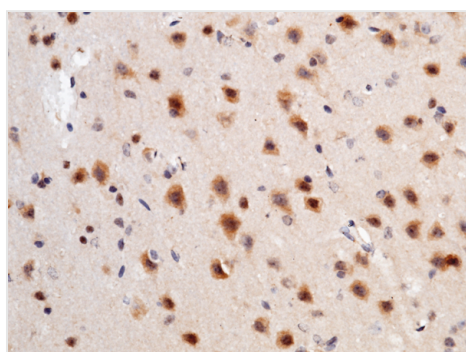
PRODUCT SYNONYMS

Bcl-XL; Polyclonal Antibody; Anti-Bcl-XL Antibody; Rabbit Polyclonal; Bcl-XL/BCL2L1 Antibody; Rabbit PAb; Antigen Affinity Purified; BCL2-like 1; Anti-Bcl(X)L Antibody; Anti-bcl-x Antibody; Anti-bcl2-L-1 Antibody; Anti-Bcl2l Antibody; Anti-BclX Antibody; anti-BCL2L1 antibody

PRODUCT SPECIFICATIONS

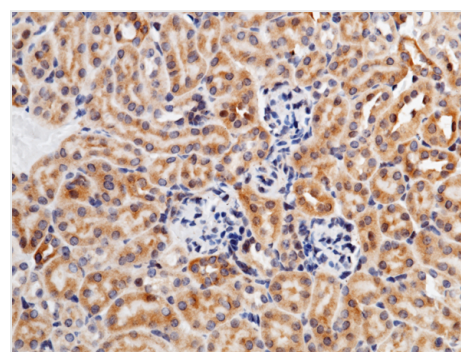
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse Bcl-XL/BCL2L1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-BCL2L1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Mouse Bcl-XL/BCL2L1 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse Bcl-XL/BCL2L1 (rM Bcl-XL/BCL2L1). Bcl-XL/BCL2L1 specific IgG was purified by Mouse Bcl-XL/BCL2L1 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of mouse BCL2L1 in mouse brain with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of mouse BCL2L1 in mouse kidney with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections). Positive staining was localized to nephric tubule.

ADDITIONAL INFORMATION

Related Product Information for anti-BCL2L1 antibody	B-cell lymphoma-extra large (Bcl-xl) is a transmembrane molecule in the mitochondria. Bcl-xL (BCL2L1), belongs to the Bcl-2 family. Members of the bcl-2 family encode proteins that function either to promote or to inhibit apoptosis. Antiapoptotic members such as Bcl-2 and Bcl-xL prevent PCD in response to a wide variety of stimuli to take part in cancer survival. Conversely, proapoptotic proteins, exemplified by Bax and Bak, can accelerate death and in some instances are sufficient to cause apoptosis independent of additional signals. The crystal and solution structures of a Bcl-2 family member, Bcl-xL is like this: The structures consist of two central, primarily hydrophobic alpha-helices, which are surrounded by amphipathic helices. A 60-residue loop connecting helices alpha1 and alpha2 was found to be flexible and non-essential for anti-apoptotic activity. Bcl-xL is characterized as an important factor in autophagy, inhibiting Beclin 1-mediated autophagy by binding to Beclin 1. In addition, Beclin 1, Bcl-2 and Bcl-xL can cooperate with Atg5 or Ca2+ to regulate both autophagy and apoptosis. Bcl-xL is also implicated in anoxia induced cell death. The pathway is initiated by the loss of function of the prosurvival Bcl-2 family members Mcl-1 and Bcl-2/Bcl-xL, resulting in Bax-or Bak-dependent release of cytochrome c and subsequent caspase-9-dependent cell death. Thus, Bcl-xL, the well-characterized apoptosis guards, appears to be important in cell death.
Product Categories/Family for anti-BCL2L1 antibody	Death Receptor Signaling
References	Vander Heiden MG, et al. (1997) Bcl-xL Regulates the Membrane Potential and Volume Homeostasis of Mitochondria. Cell. 91 (5): 627-37. Muchmore SW, et al. (1996) X-ray and NMR structure of human Bcl-xL, an inhibitor of programmed cell death. Nature. 381: 335-341. Sharoff EH, et al. (2007) Bcl-2 family members regulate anoxia-induced cell death. Antioxid Redox Signal. 9 (9): 1405-9. Zhou F, et al. (2011) Bcl-2 and Bcl-xL play important roles in the crosstalk between autophagy and apoptosis. FEBS J. 278 (3): 403-13.

NCBI AND UNIPROT INFORMATION

NCBI GI #	577019442
NCBI GeneID	12048
NCBI Accession #	NP_001276645.1
NCBI GenBank Nucleotide #	NM_001289716.1
UniProt Accession #	Q64373 ; O35844 ; Q60657 ; Q60658 ; Q61338
Molecular Weight	23,900 Da
NCBI Official Full Name	bcl-2-like protein 1 isoform a
NCBI Official Synonym Full Names	BCL2-like 1
NCBI Official Symbol	Bcl2l1
NCBI Official Synonym Symbols	BclX; Bcl2l; bcl-x; Bcl-XL; Bcl(X)L; bcl2-L-1
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
UniProt Entry Name	B2CL1_MOUSE

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-elisa/257050>