

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

[KD Validated] Bcl-XL Rabbit pAb

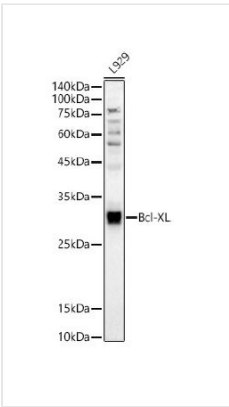
CATALOG # AAA282410	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

Bcl-XL; Polyclonal Antibody; [KD Validated] Bcl-XL Rabbit pAb; BCLX; BCL2L; Bcl-X; PPP1R52; BCL-XL/S; anti-Bcl-XL antibody

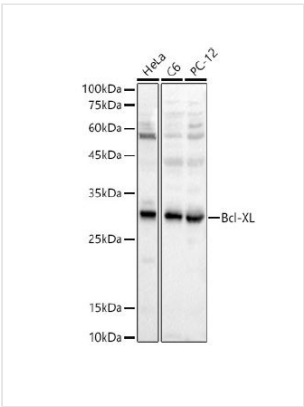
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Liquid PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	MSQSNRELVV DFLSYKLSQK GYSWSQFSDV EENRTEAPEG TESEMETPSA INGNPSWHLA DSPAVNGATG HSSSLDAREV IPMAAVKQAL REAGDEFELR YRRAFSDLTS QLHITPGTAY
Applicable Applications for anti-Bcl-XL antibody	WB (Western Blot)
Positive Samples	A-549, HeLa, L929, C6, PC-12
Cellular Location	centrosome, cytoplasm, cytosol, endoplasmic reticulum, mitochondrial inner membrane, mitochondrial matrix, mitochondrial outer membrane, mitochondrion, nuclear membrane
Research Area	Cancer, Invasion and Metastasis, Cell Biology Developmental Biology, Apoptosis, Mitochondrial Control of Apoptosis, Inhibition of Apoptosis, Autophagy, Cell Cycle, Centrosome, Endocrine Metabolism, Immunology Inflammation, B Cell Receptor Signaling Pathway, Neuroscience, Neurodegenerative Diseases
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-120 of human Bcl-XL (NP_612815.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles. Ship: Ice Pack



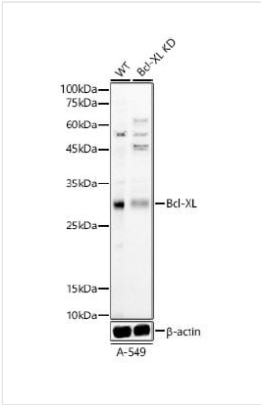
WB (Western Blot)

Western blot analysis of L929, using Bcl-XL antibody (AAA282410) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.



WB (Western Blot)

Western blot analysis of various lysates, using Bcl-XL antibody (AAA282410) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.



WB (Western Blot)

Western blot analysis of extracts from normal (control) and Bcl-XL knockdown (KD) A-549 cells, using Bcl-XL antibody (AAA282410) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.

ADDITIONAL INFORMATION

Related Product Information for anti-Bcl-XL antibody	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 acts as an apoptotic inhibitor and the shorter isoform acts as an apoptotic activator.
Product Categories/Family for anti-Bcl-XL antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502381
NCBI GeneID	598
NCBI Accession #	NP_001182.1

NCBI GenBank Nucleotide #	NM_001191.2
UniProt Accession #	Q07817 ; Q5CZ89 ; Q5TE65 ; Q92976 ; E1P5L6
Molecular Weight	26,049 Da
NCBI Official Full Name	bcl-2-like protein 1 isoform 2
NCBI Official Synonym Full Names	BCL2-like 1
NCBI Official Symbol	BCL2L1
NCBI Official Synonym Symbols	BCLX; BCL2L; BCLXL; BCLXS; Bcl-X; bcl-xL; bcl-xS; PPP1R52; BCL-XL/S
NCBI Protein Information	bcl-2-like protein 1; apoptosis regulator Bcl-X; protein phosphatase 1, regulatory subunit 52
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_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://www.aaabiotech.com/polyclonal/bcl-xl-antibody-western-blot-elisa/282410>