

Bcl-xL Polyclonal Antibody | anti-Bcl-xL antibody

Bcl-xL (Phospho-Ser62)

CATALOG #
AAA47839

APPLICATIONS
Immunofluorescence, Immunohistochemistry, Immunoblot, Western Blot

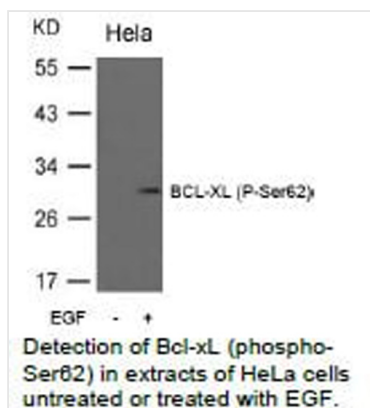
PRODUCT SYNONYMS

Bcl-xL; Polyclonal Antibody; Bcl-xL (Phospho-Ser62); anti-Bcl-xL antibody

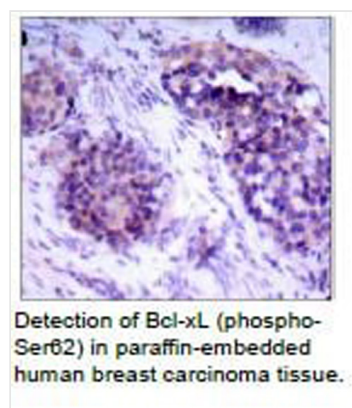
PRODUCT SPECIFICATIONS

Clonality	Polyclonal
Specificity	This antibody detects endogenous human, mouse, and rat Bcl-xL only when phosphorylated at serine 62.
Form/Format	100ul at 1.0mg/ml in PBS (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Affinity-purified on phosphopeptide; non-phosphopeptide- reactive antibodies were removed by chromatography on non-phosphorylated peptide.
Sequence Length	233
Applicable Applications for anti-Bcl-xL antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), IB (Immunoblot)
Antigen	Peptide sequence that includes phosphorylation site of serine 62 derived from human Bcl-xL and conjugated to KLH.
Preparation and Storage	This antibody is stable for at least one (1) year at -20 degree C. Can be stored at 4 degree C for short-term.

IMAGES



Application Data



IHC (Immunohistochemistry)



IF (Immunofluorescence)

ADDITIONAL INFORMATION

Related Product Information for anti-Bcl-xL antibody	B-cell lymphoma-extra large (Bcl-xl, or BCL2-like 1 isoform 1) is a transmembrane protein in the mitochondria. It is a member of the Bcl-2 family of proteins and acts as a pro-survival protein by preventing the release of mitochondrial cytochrome c, which would lead to caspase activation. Relative amounts of pro- and anti-survival Bcl-2 family proteins define whether a cell will undergo cell death: if more Bcl-xL is present, then pores are non-permeable to pro-apoptotic molecules and the cell survives.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20336335
NCBI GeneID	598
NCBI Accession #	NP_612815.1
NCBI GenBank Nucleotide #	NM_138578.2
UniProt Accession #	Q07817; Q5CZ89; Q5TE65; Q92976; E1P5L6
Molecular Weight	25,290 Da
NCBI Official Full Name	bcl-2-like protein 1 isoform Bcl-X(L)
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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