

## Bcl-x (phospho Ser62) Polyclonal Antibody

Catalog No: #14049



Package Size: #14049-1 50ul #14049-2 100ul

Orders: order@signalwayantibody.com

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## Description

Product Name	Bcl-x (phospho Ser62) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-Bcl-x (S62) Polyclonal Antibody detects endogenous levels of Bcl-x protein only when phosphorylated at S62.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human BCL-XL around the phosphorylation site of Ser62. AA range:28-77
Other Names	BCL2L1; BCL2L; BCLX; Bcl-2-like protein 1; Bcl2-L-1; Apoptosis regulator Bcl-X
Accession No.	Swiss Prot:Q07817GeneID:598
Uniprot	Q07817
GeneID	598
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

## Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

## Background

**BCL2 like 1(BCL2L1)** Homo sapiens 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. [provided by RefSeq, Dec 2015],

Note: This product is for in vitro research use only