

Datasheet for ABIN1714412
anti-BCL2L1 antibody (pThr47)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	BCL2L1
Binding Specificity:	pThr47
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BCL2L1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human BCL2L1 around the phosphorylation site of Thr47
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Cow, Sheep, Pig, Horse, Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	BCL2L1
Alternative Name:	Bcl-xL/BCL2L1 (BCL2L1 Products)
Background:	Synonyms: BCL2L1 phospho T47, BCL2L1 phospho Thr47, p-BCL2L1 phospho T47, p-BCL2L1 Thr47, p-BCL2L1Thr115, Apoptosis regulator Bcl X, BclX, Bcl-X, Bcl 2 like 1, Bcl 2 like 1 protein, Bcl xL, BCL X/L, BCL XL/S, Bcl xS, Bcl2 like1, BCL2-related gene, BCL2-related protein, long isoform, included, BCLXL, included, BCL2-related protein, short isoform, included, BCLXS, included, BCL2L, BCL2L1, Bclx, DKFZp781P2092, MGC113803, MGC99998, B2CL1_HUMAN. Background: 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. Two alternatively spliced transcript variants, which encode distinct isoforms, have been reported. The longer isoform acts as an apoptotic inhibitor and the shorter form acts as an apoptotic activator. [provided by RefSeq, Jul 2008].
Gene ID:	598
Pathways:	Apoptosis , Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

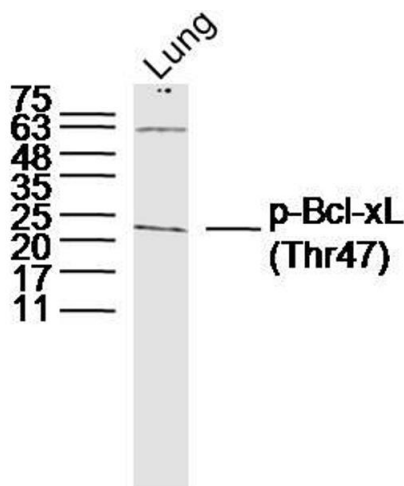
Handling

Format:	Liquid
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Handling

Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Western Blotting

Image 1. Mouse Lung lysates probed with p-Bcl-xL (Thr47) Polyclonal Antibody, Unconjugated at 1:300 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37°C.