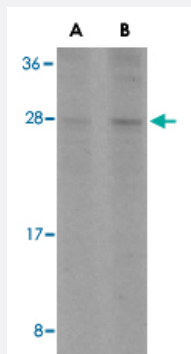


BCL2L1 polyclonal antibody

Catalog # PAB12924 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of BCL2L1 in A-549 cell lysates with BCL2L1 polyclonal antibody (Cat # PAB12924) at (A) 1 and (B) 2 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of BCL2L1.
Immunogen	A synthetic peptide corresponding to C-terminus 14 amino acids of human BCL2L1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of BCL2L1 in A-549 cell lysates with BCL2L1 polyclonal antibody (Cat # PAB12924) at (A) 1 and (B) 2 ug/mL .

Gene Info — BCL2L1

Entrez GeneID	598
Protein Accession#	CAA80661
Gene Name	BCL2L1
Gene Alias	BCL-XL/S, BCL2L, BCLX, Bcl-X, DKFZp781P2092, bcl-xL, bcl-xS
Gene Description	BCL2-like 1
Omim ID	600039
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	OTTHUMP00000030550 OTTHUMP00000030551 OTTHUMP00000030553

Publication Reference

- [The Bcl-2 protein family and its role in the development of neoplastic disease.](#)

Heiser D, Labi V, Erlacher M, Villunger A.

Experimental Gerontology 2004 Aug; 39(8):1125.

- [The Bcl-2 family: roles in cell survival and oncogenesis.](#)

Cory S, Huang DC, Adams JM.

Oncogene 2003 Nov; 22(53):8590.

- [bcl-XL is the major bcl-x mRNA form expressed during murine development and its product localizes to mitochondria.](#)

Gonzalez-Garcia M, Perez-Ballester R, Ding L, Duan L, Boise LH, Thompson CB, Nunez G.

Development 1994 Oct; 120(10):3033.

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Apoptosis](#)
- [Chronic myeloid leukemia](#)
- [Jak-STAT signaling pathway](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)

Disease

- [Adenocarcinoma](#)
- [Alzheimer Disease](#)
- [Amnesia](#)
- [Cognition Disorders](#)
- [Colorectal Neoplasms](#)
- [Disease Progression](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)

- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Sclerosis](#)
- [Neoplasm Metastasis](#)
- [Neuropsychological Tests](#)
- [Occupational Diseases](#)
- [Ovarian Neoplasms](#)
- [Prostatic Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)