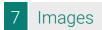
# antibodies -online.com







# anti-BCL2L1 antibody





Publication



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Quantity:	100 μL
Target:	BCL2L1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP), Immunocytochemistry (ICC)
Product Netails	

#### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Bcl-X. The
	exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to Bcl-X (BCL2-like 1)
	Bcl-X antibody
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	BCL2L1
Alternative Name:	BCL2 like 1 (BCL2L1 Products)
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.

Cellular Localization: Mitochondrion membrane, Single-pass membrane protein, Nucleus membrane, Single-pass membrane protein, Cytoplasmic side, Mitochondrion membrane, Nucleus membrane

Molecular Weight:	26 kDa
Gene ID:	598
UniProt:	Q07817

Apoptosis, Negative Regulation of intrinsic apoptotic Signaling

### **Application Details**

Pathways:

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. IP: 1:100-1:500. Optimal
	dilutions/concentrations should be determined by the researcher. Not tested in other
	applications.
Comment:	Positive Control: NIH-3T3, PC-12
	Validation: Orthogonal
Restrictions:	For Research Use only

#### Handling

Format:	Liquid
Concentration:	0.45 mg/mL
Buffer:	1XPBS pH 7, 1 % BSA, 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be

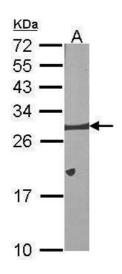
#### Handling

	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Publications	

Product cited in:

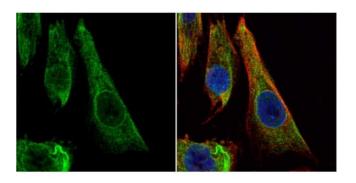
Wier, Fu, Hodgson, Sun, Wan: "Caspase-3 cleaved p65 fragment dampens NF-κB-mediated antiapoptotic transcription by interfering with the p65/RPS3 interaction." in: **FEBS letters**, Vol. 589, Issue 23, pp. 3581-7, (2016) (PubMed).

#### **Images**



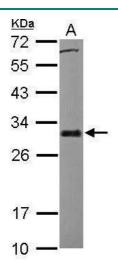
#### **Western Blotting**

Image 1. WB Image Sample (30 ug of whole cell lysate)
A:NIH-3T3 12% SDS PAGE antibody diluted at 1:1000



#### Immunofluorescence

Image 2. ICC/IF Image Bcl-X antibody detects Bcl-X protein at cytoplasm by immunofluorescent analysis. Sample: SK-N-SH cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Bcl-X protein stained by Bcl-X antibody, diluted at 1:200. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114], diluted at 1:1000. Blue: Hoechst 33342 staining.



#### **Western Blotting**

Image 3. WB Image Sample (30 ug of whole cell lysate) A: HCT116 12% SDS PAGE antibody diluted at 1:1000

Please check the product details page for more images. Overall 7 images are available for ABIN2856151.