

Datasheet for ABIN5675264
anti-Bcl-2 antibody (AA 151-239)



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3 Images

Overview

Quantity:	100 µL
Target:	Bcl-2 (BCL2)
Binding Specificity:	AA 151-239
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Bcl-2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Bcl-2
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Cow,Sheep,Pig
Purification:	Purified by Protein A.

Target Details

Target:	Bcl-2 (BCL2)
Alternative Name:	Bcl-2 (BCL2 Products)
Background:	Synonyms: Apoptosis regulator Bcl 2, Apoptosis regulator Bcl2, AW986256, B cell

Target Details

CLL/lymphoma 2, B cell leukemia/lymphoma 2, B cell lymphoma 2, Bcl 2, Bcl-2, Bcl2, BCL2 protein, C430015F12Rik, D630044D05Rik, D830018M01Rik, Leukemia/lymphoma, B-cell, 2, Oncogene B-cell leukemia 2, BCL2_HUMAN.

Background: Suppresses apoptosis in a variety of cell systems including factor-dependent lymphohematopoietic and neural cells. Regulates cell death by controlling the mitochondrial membrane permeability. Appears to function in a feedback loop system with caspases. Inhibits caspase activity either by preventing the release of cytochrome c from the mitochondria and/or by binding to the apoptosis-activating factor (APAF-1).

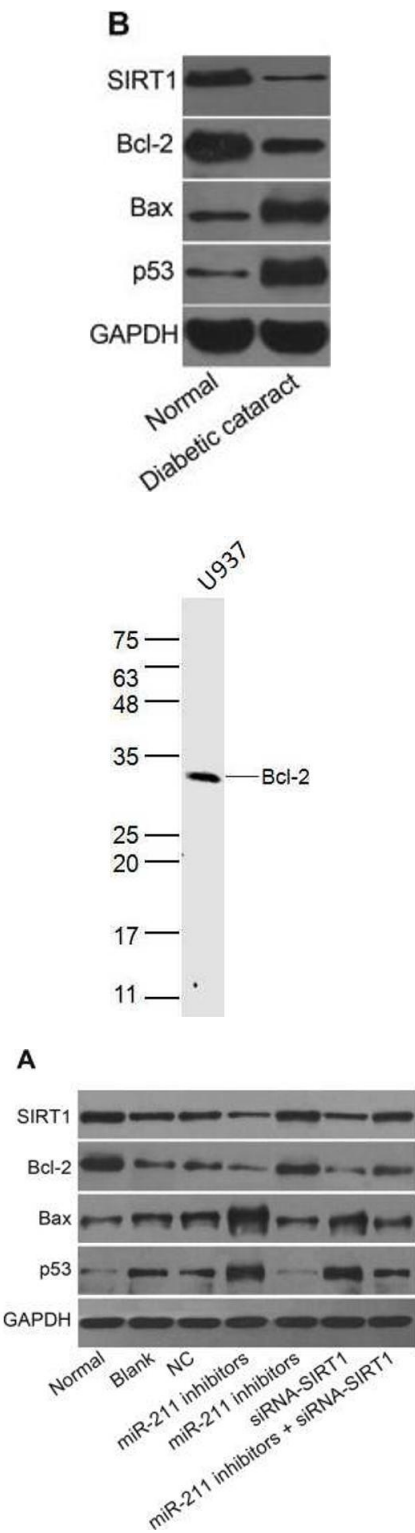
Gene ID:	596
UniProt:	P10415
Pathways:	MAPK Signaling , PI3K-Akt Signaling , Apoptosis , Caspase Cascade in Apoptosis , Regulation of Muscle Cell Differentiation , Cell-Cell Junction Organization , Skeletal Muscle Fiber Development , Autophagy , Smooth Muscle Cell Migration , Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100
Restrictions:	For Research Use only

Handling

Format:	Liquid
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



Western Blotting

Image 1. Expression of miR-211 and mRNA and protein expressions of SIRT1, Bcl-2, Bax, and p53 in lens tissues of mice(A) miR-211 expression and mRNA and protein expressions of SIRT1, Bcl-2, Bax, and p53 in mice lens, (B) strip chart of SIRT1, Bcl-2, Bax, and p53 proteins, (C) expressions of SIRT1, Bcl-2, Bax, and p53 proteins in mice lens, *, P<0.05 compared with the normal group. - figure provided by CiteAb. Source: PMID28679650

Western Blotting

Image 2. U937 lysates probed with Bcl-2 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.

Western Blotting

Image 3. The protein expressions of SIRT1, Bcl-2, Bax, and p53 in each group(A) The protein strip chart, (B) the relative protein expression in seven groups, *, P<0.05 compared with the normal group, #, P<0.05 compared with the blank and NC groups. - figure provided by CiteAb. Source: PMID28679650