

Datasheet for ABIN7144455

anti-Bcl-2 antibody (AA 31-80)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Bcl-2 (BCL2)
Binding Specificity:	AA 31-80
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Bcl-2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Apoptosis regulator Bcl-2 protein (31-80AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Bcl-2 (BCL2)
Alternative Name:	BCL2 (BCL2 Products)
Background:	Background: Suppresses apoptosis in a variety of cell systems including factor-dependent lymphohematopoietic and neural cells. Regulates cell death by controlling the mitochondrial

Target Details

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). May attenuate inflammation by impairing NLRP1-inflammasome activation, hence CASP1 activation and IL1B release (PubMed:17418785).

Aliases: Apoptosis regulator Bcl 2 antibody, Apoptosis regulator Bcl-2 antibody, Apoptosis regulator Bcl2 antibody, AW986256 antibody, B cell CLL/lymphoma 2 antibody, B cell leukemia/lymphoma 2 antibody, Bcl-2 antibody, Bcl2 antibody, BCL2_HUMAN antibody, C430015F12Rik antibody, D630044D05Rik antibody, D830018M01Rik antibody, Leukemia/lymphoma, B-cell, 2 antibody, Oncogene B-cell leukemia 2 antibody, PPP1R50 antibody, Protein phosphatase 1 regulatory subunit 50 antibody, Protein phosphatase 1, regulatory subunit 50 antibody

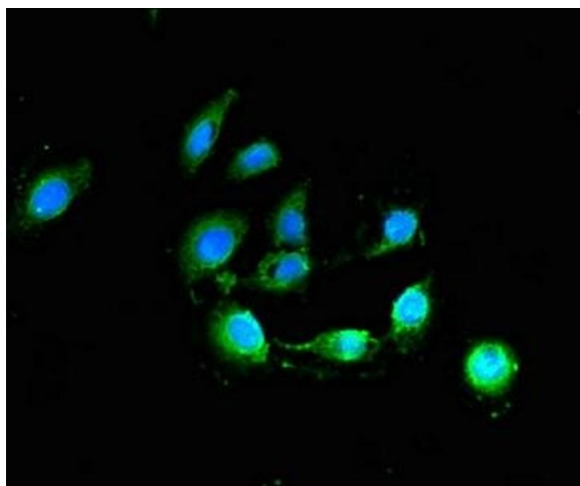
UniProt:	P10415
Pathways:	MAPK Signaling , PI3K-Akt Signaling , Apoptosis , Caspase Cascade in Apoptosis , Regulation of Muscle Cell Differentiation , Cell-Cell Junction Organization , Skeletal Muscle Fiber Development , Autophagy , Smooth Muscle Cell Migration , Negative Regulation of intrinsic apoptotic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

Application Details

Application Notes:	Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,
Restrictions:	For Research Use only

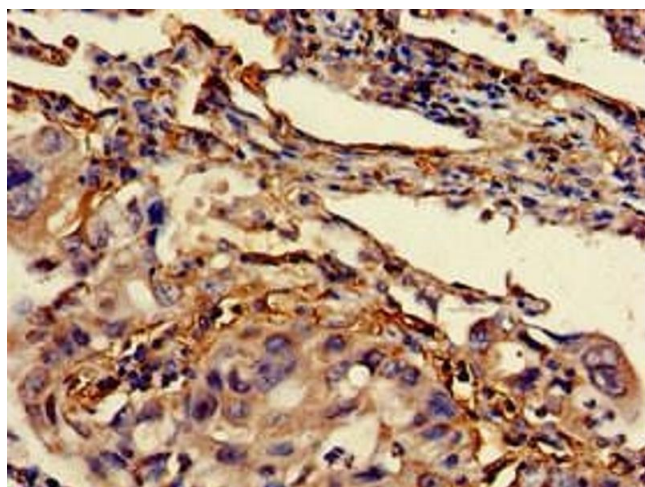
Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescent analysis of A549 cells using ABIN7144455 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human lung cancer using ABIN7144455 at dilution of 1:100