

Datasheet for ABIN1881105

anti-Bcl-2 antibody (AA 49-76)[Go to Product page](#)**1** Image

Overview

Quantity:	400 µL
Target:	Bcl-2 (BCL2)
Binding Specificity:	AA 49-76
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Bcl-2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This Bcl-2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 49-76 amino acids from the Central region of human Bcl-2.
Clone:	RB42026
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Bcl-2 (BCL2)
Alternative Name:	Bcl-2 (BCL2 Products)
Background:	Suppresses apoptosis in a variety of cell systems including factor-dependent

Target Details

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).

Molecular Weight: 26266

NCBI Accession: [NP_000624](#)

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: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

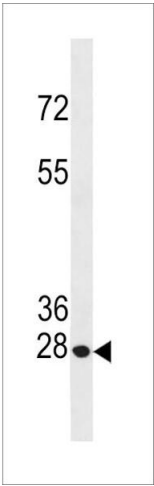
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Expiry Date: 6 months



Western Blotting

Image 1. Bcl-2 Antibody (Center Ser70) (ABIN1881105 and ABIN2843234) western blot analysis in Hela cell line lysates (35 µg/lane). This demonstrates the Bcl-2 (Ser70) antibody detected the Bcl-2 (Ser70) protein (arrow).