

Datasheet for ABIN3030094
anti-Bcl-2 antibody (AA 144-171)



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2 Images

Overview

Quantity:	0.4 mL
Target:	Bcl-2 (BCL2)
Binding Specificity:	AA 144-171
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Bcl-2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 144-171 from the human protein was used as the immunogen for this Bcl-2 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Bovine, Chicken, Hamster, Mouse, Rat
Purification:	Antigen affinity purified

Target Details

Target:	Bcl-2 (BCL2)
Alternative Name:	Bcl-2 (BCL2 Products)
Background:	Bcl-2 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). [UniProt]

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: The stated application concentrations are suggested starting amounts. Titration of the Bcl-2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

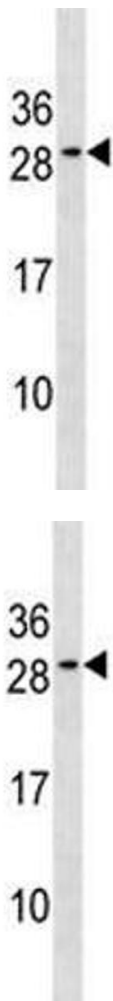
Buffer: In 1X PBS pH 7.4 with 0.09 % sodium azide

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: -20 °C

Storage Comment: Can be stored at 4°C for one month. For long term, aliquot the Bcl-2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. Bcl-2 antibody western blot analysis in MDA-MB453 lysate

Western Blotting

Image 2. Bcl-2 antibody western blot analysis in MDA-MB453 lysate