

Datasheet for ABIN7432580

anti-Bcl-2 antibody (AA 2-208)



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3 Images

Overview

Quantity:	100 µL
Target:	Bcl-2 (BCL2)
Binding Specificity:	AA 2-208
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Bcl-2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to B-Cell Leukemia/Lymphoma 2 (Bcl2)
Immunogen:	Recombinant B-Cell Leukemia/Lymphoma 2 (Bcl2) corresponding to Ala2~Asp208 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against Bcl2. It has been selected for its ability to recognize Bcl2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Dog, Horse, Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

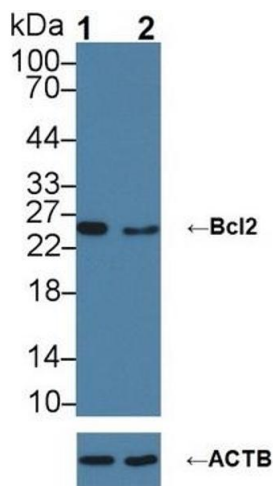
Target:	Bcl-2 (BCL2)
Alternative Name:	Bcl2
Background:	B-Cell CLL/Lymphoma 2
UniProt:	P10417
Pathways:	MAPK Signaling , PI3K-Akt Signaling , Apoptosis , Caspase Cascade in Apoptosis , Regulation of Muscle Cell Differentiation , Cell-Cell Junction Organization , Skeletal Muscle Fiber Development , Autophagy , Smooth Muscle Cell Migration , Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	Western blotting: 0.01-5 µg/mL,Immunohistochemistry: 5-20 µg/mL,Immunocytochemistry: 5-20 µg/mL,Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

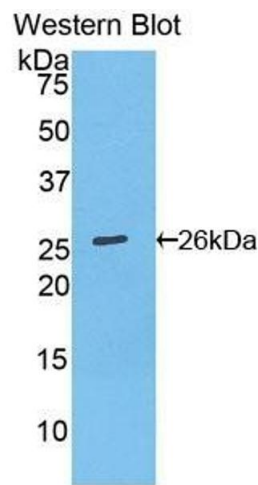
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



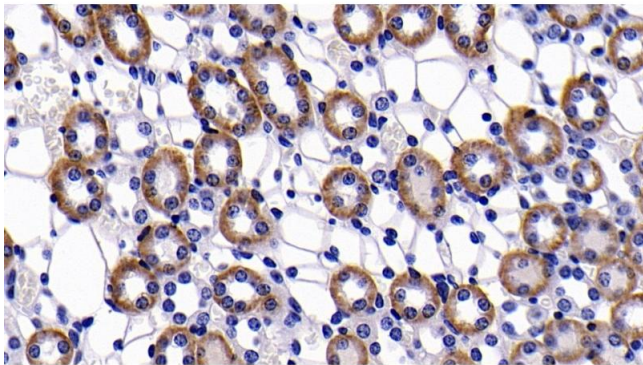
Western Blotting

Image 1. Knockout Varification; Lane 1: Wild-type HL-60 cell lysate, Lane 2: Bcl2 knockout HL-60 cell lysate, Predicted MW: 22,26 kDa ,Observed MW: 26 kDa, Primary Ab: 5 µg/mL Rabbit Anti-Mouse Bcl2 Antibody, Second Ab: 0.2 µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody, (ABIN6950948)



Western Blotting

Image 2. Detection of Recombinant Bcl2, Mouse using Polyclonal Antibody to B-Cell Leukemia/Lymphoma 2 (Bcl2)



Immunohistochemistry

Image 3. Detection of Bcl2 in Mouse Kidney Tissue using Polyclonal Antibody to B-Cell Leukemia/Lymphoma 2 (Bcl2)