

Datasheet for ABIN2787860
anti-Bcl-2 antibody (Middle Region)



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2 Images

Overview

Quantity:	100 µL
Target:	Bcl-2 (BCL2)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Pig, Rabbit, Sheep, Dog, Horse, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Bcl-2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human BCL2
Sequence:	ALSPVPPVH LTLRQAGDDF SRRYRRDFAE MSSQLHLTPF TARGRFATVV
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%
Characteristics:	This is a rabbit polyclonal antibody against BCL2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Bcl-2 (BCL2)
Alternative Name:	BCL2 (BCL2 Products)

Target Details

Background:	This gene encodes an integral outer mitochondrial membrane protein that blocks the apoptotic death of some cells such as lymphocytes. Constitutive expression of BCL2, such as in the case of translocation of BCL2 to Ig heavy chain locus, is thought to be the cause of follicular lymphoma. Two transcript variants, produced by alternate splicing, differ in their C-terminal ends. Alias Symbols: Bcl-2, PPP1R50 Protein Interaction Partner: KEAP1, SQSTM1, BECN1, UBC, TP53BP2, BID, BCL2L1, BCL2, BAX, BAD, ATP2A3, NR4A1, KRAS, PPID, MDM4, BNIP3, BFAR, CDK1, BAG3, RAF1, IKBKG, TP53, PPP3CC, FKBP8, MAPK8, IKBKB, HSP90AA1, HIF1A, CRYAB, CHUK, PML, BRCA1, AMBRA1, ATG12, BIK, CISD2, MEX3D, PPP1CC, Protein Size: 239
Molecular Weight:	26 kDa
Gene ID:	596
NCBI Accession:	NM_000633 , 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:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 239 AA
Restrictions:	For Research Use only

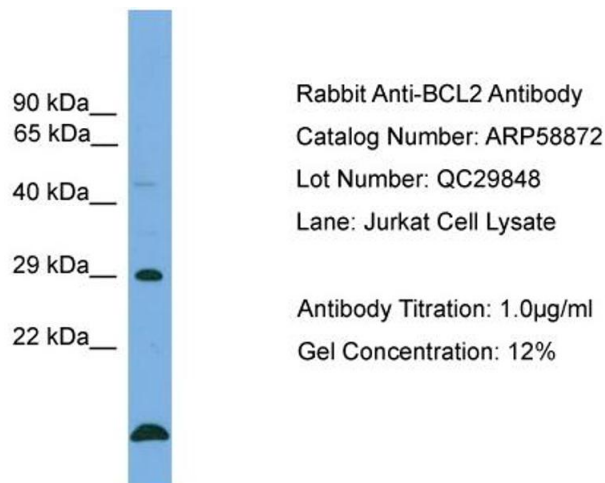
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

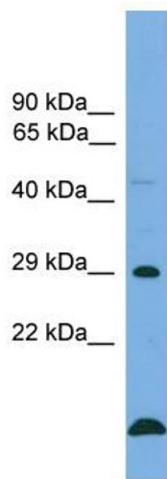


Western Blotting

Image 1. WB Suggested Anti-BCL2

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500

Positive Control: Jurkat cell lysate



Western Blotting

Image 2. WB Suggested Anti-BCL2 Antibody Titration: 0.2-1 ug/ml

ELISA Titer: 1:1562500

Positive Control: Jurkat cell lysate