Rabbit Anti-BCL2 Polyclonal Antibody

CPB-970RH Rabbit(BCL2)
Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Rabbit Anti-BCL2 Polyclonal Antibody
Antigen Description	BCL2 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.
specificity	The antibody detects endogenous level oftotal BCL2 protein.
Target	BCL2
Immunogen	Peptide sequence around aa.54~58 (G-H-T-P-H) derived from HumanBCL2.
Host	Rabbit
Species	Human
Cross Reactivity	Human
conjugation	N/A
Applications	IFA,WB

PACKAGING

Format	Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C /1 year

ANTIGEN GENE INFORMATION

Gene Name	BCL2 B-cell CLL/lymphoma 2 [Homo sapiens]
Official Symbol	BCL2
Synonyms	BCL2; B-cell CLL/lymphoma 2; apoptosis regulator Bcl-2; Bcl 2; PPP1R50; protein phosphatase 1; regulatory subunit 50; protein phosphatase 1, regulatory subunit 50; Bcl-2;
GeneID	596
mRNA Refseq	NM_000633
Protein Refseq	NP_000624
UniProt ID	P10415
Chromosome Location	18q21.3
Pathway	ATF-2 transcription factor network, organism-specific biosystem; Activation of BAD and translocation to mitochondria, organism-specific biosystem; Activation of BH3-only proteins, organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), conserved biosystem; Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem;

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Function	BH3 domain binding; channel activity; identical protein binding; protease binding; protein binding; protein heterodimerization activity; protein homodimerization activity; protein phosphatase 2A binding; sequence-specific DNA binding; transcription factor binding; ubiquitin protein ligase binding;

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