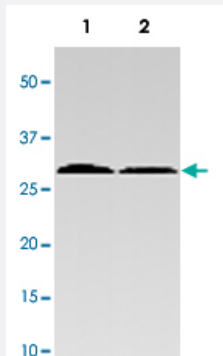


BCL2 polyclonal antibody

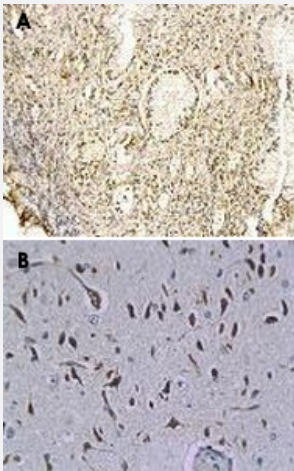
Catalog # PAB19562 Size 100 ug

Applications



Western Blot (Tissue lysate)

Immunohistochemical staining of mouse hippocampus with BCL2 polyclonal antibody (Cat # PAB19562).



Immunohistochemistry

A. Immunohistochemical staining of rabbit hippocampus tissue section with BCL2 polyclonal antibody (Cat # PAB19562) at 1:200 dilution.
B. Immunohistochemical staining of human endometrial tissue section with BCL2 polyclonal antibody (Cat # PAB19562) at 1:500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic protein of BCL2.
Immunogen	Synthetic protein corresponding to human BCL2.
Host	Rabbit
Reactivity	Human, Mouse, Rabbit, Rat
Form	Lyophilized

Purification	Protein G purification
Recommend Usage	ELISA (1-2 ug/mL) Western Blot (2-10 ug/mL) Immunohistochemistry (2-10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS.
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with deionized water, store at 4°C for one month. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

Immunohistochemical staining of mouse hippocampus with BCL2 polyclonal antibody (Cat # PAB19562).

- Immunohistochemistry

A. Immunohistochemical staining of rabbit hippocampus tissue section with BCL2 polyclonal antibody (Cat # PAB19562) at 1:200 dilution.

B. Immunohistochemical staining of human endometrial tissue section with BCL2 polyclonal antibody (Cat # PAB19562) at 1:500 dilution.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — BCL2

Entrez GeneID	596
Protein Accession#	P10415
Gene Name	BCL2
Gene Alias	Bcl-2
Gene Description	B-cell CLL/lymphoma 2
Omim ID	151430
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

B-cell lymphoma protein 2|OTTHUMP00000163680

Publication Reference

- [MiR-9 functions as a tumor suppressor in acute myeloid leukemia by targeting CX chemokine receptor 4.](#)

Zhu B, Xi X, Liu Q, Cheng Y, Yang H.

American Journal of Translational Research 2019 Jun; 11(6):3384.

Application: WB-Ce, WB-Tr, Human, CD34+ cells, HL-60, KG-1a, Kasumi-1, NB4, SKNO-1 cells, Human bone marrow

- [Protective Effect of Proanthocyanidins from Sea Buckthorn \(Hippophae Rhamnoides L.\) Seed against Visible Light-Induced Retinal Degeneration in Vivo.](#)

Wang Y, Zhao L, Huo Y, Zhou F, Wu W, Lu F, Yang X, Guo X, Chen P, Deng Q, Ji B.

Nutrients 2016 May; 8(5):E245.

Application: WB-Ti, Rabbit, Rabbit retina

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Apoptosis](#)
- [Colorectal cancer](#)
- [Focal adhesion](#)
- [Neurotrophin signaling pathway](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Small cell lung cancer](#)

Disease

- [Adenocarcinoma](#)
- [Alzheimer Disease](#)
- [Amnesia](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Azoospermia](#)
- [Bile Duct Neoplasms](#)
- [Brain Injuries](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cholangiocarcinoma](#)
- [Chromosome Aberrations](#)
- [Clubfoot](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Kidney Failure](#)

- [Kidney Neoplasms](#)
- [Laryngeal Neoplasms](#)
- [Leukemia](#)
- [Leukemia-Lymphoma](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphatic Metastasis](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Sclerosis](#)
- [NARP](#)
- [Neoplasm Invasiveness](#)
- [Neoplasm Recurrence](#)
- [Neovascularization](#)
- [Neuropsychological Tests](#)
- [Occupational Diseases](#)
- [Oropharyngeal Neoplasms](#)
- [Ovarian Neoplasms](#)
- [Postoperative Complications](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Prosthesis Failure](#)
- [Pulmonary Disease](#)
- [Thyroid Neoplasms](#)
- [Translocation](#)
- [Waldenstrom Macroglobulinemia](#)

- [Werner syndrome](#)