

Anti-BCL2L2 Antibody

Catalog # ABO10748

Product Information

Application	WB, IHC-P
Primary Accession	Q92843
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Bcl-2-like protein 2(BCL2L2) detection. Tested with WB, IHC-P in Human;Mouse;Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	599
Other Names	Bcl-2-like protein 2, Bcl2-L-2, Apoptosis regulator Bcl-W, BCL2L2, BCLW, KIAA0271
Calculated MW	20746
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 μ g/ml, Human, Rat, Mouse, By Heat Western blot, 0.1-0.5 μ g/ml, Human, Rat, Mouse
Subcellular Localization	Mitochondrion membrane ; Peripheral membrane protein . Loosely associated with the mitochondrial membrane in healthy cells. During apoptosis, tightly bound to the membrane.
Tissue Specificity	Expressed (at protein level) in a wide range of tissues with highest levels in brain, spinal cord, testis, pancreas, heart, spleen and mammary glands. Moderate levels found in thymus, ovary and small intestine. Not detected in salivary gland, muscle or liver. Also expressed in cell lines of myeloid, fibroblast and epithelial origin. Not detected in most lymphoid cell lines. .
Source	Eukaryota
Protein Name	Bcl-2-like protein 2(Bcl2-L-2)
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃ N.
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human BCL2L2(74-88aa SAQQRFTQVSDELQ), identical to the related rat and

mouse sequences.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins

Storage

At -20 °C for one year. After reconstitution, at 4 °C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Sequence Similarities

Belongs to the Bcl-2 family.

Protein Information

Name

BCL2L2

Synonyms

BCLW, KIAA0271

Function

Promotes cell survival. Blocks dexamethasone-induced apoptosis. Mediates survival of postmitotic Sertoli cells by suppressing death-promoting activity of BAX.

Cellular Location

Mitochondrion membrane; Peripheral membrane protein. Note=Loosely associated with the mitochondrial membrane in healthy cells. During apoptosis, tightly bound to the membrane

Tissue Location

Expressed (at protein level) in a wide range of tissues with highest levels in brain, spinal cord, testis, pancreas, heart, spleen and mammary glands. Moderate levels found in thymus, ovary and small intestine. Not detected in salivary gland, muscle or liver. Also expressed in cell lines of myeloid, fibroblast and epithelial origin. Not detected in most lymphoid cell lines

Background

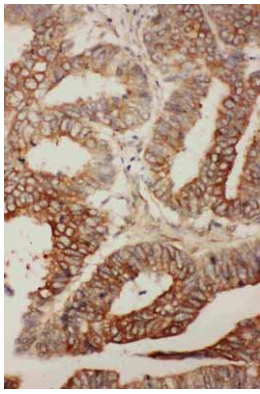
Bcl-2-like protein 2 is a protein that in humans is encoded by the BCL2L2 gene. This gene encodes a pro-survival(anti-apoptotic) member of the bcl-2 protein family. Its gene is mapped to human chromosome 14q11.2-q12. In all, it has got 193 amino acids. Generally speaking, the BCL2 can be found in brain, colon and salivary gland. Acting as the anti- and pro-apoptotic regulators, it has played a vital role in reducing the cell apoptosis under cytotoxic conditions.

Images



Anti- BCL2L2 antibody, ABO10748, Western blotting
All lanes: Anti BCL2L2 (ABO10748) at 0.5ug/ml
WB: HELA Whole Cell Lysate at 40ug
Predicted bind size: 21KD
Observed bind size: 21KD

Anti- BCL2L2 antibody, ABO10748, IHC(P)
IHC(P): Human



Rectal Cancer Tissue

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.