

Bcl-w Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00872
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human BCLW. AA range:131-180
Mol wt	20774
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Bcl-w Antibody
Synonyms	BCL2L2; BCLW; KIAA0271; Bcl-2-like protein 2; Bcl2-L-2; Apoptosis regulator Bcl-W

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

BCL2L2 encodes a member (BCL2 like 2) of the BCL-2 protein family. The proteins of this family form hetero- or homodimers and act as anti- and pro-apoptotic regulators. Expression of BCL2L2 in cells has been shown to contribute to reduced cell apoptosis under cytotoxic conditions. Studies of the related gene in mice indicated a role in the survival of NGF- and BDNF-dependent neurons. Mutation and knockout studies of the mouse gene demonstrated an essential role in adult spermatogenesis. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the neighboring downstream PABPN1 (poly (A) binding protein, nuclear 1) gene.

Recommended Dilution

WB: 1: 500 - 1: 2000

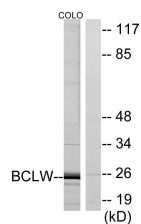
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

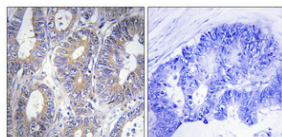
ELISA: 1: 10000

Not yet tested in other applications.

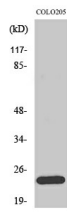
Images



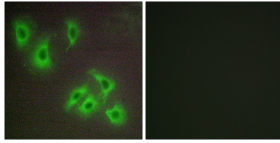
Western blot analysis of lysates from COLO cells, using BCLW Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded Human colon cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



Western Blot analysis of various cells using Bcl-w Polyclonal Antibody diluted at 1:2000



Immunofluorescence analysis of HepG2 cells, using BCLW Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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