

# AbboMax, Inc

Innovation at Work

## Rabbit anti-BCL-W Polyclonal Antibody

Synonym: BCLW, BCL-W, BCL2L2; BCL2-Like 2;

### Order Information

Description: Rabbit anti -Bcl-w  
Catalogue#: 602-950  
Lot#: See the label  
Size: 100 ug/200 ul  
Host: Rabbit  
Clone: N/A  
Application: ELISA, WB, IHC  
Reactivity: Hu, Rat, Ms:

### ANTIGEN PREPARATION

A synthetic peptide derived from N-terminus of human BCL-W protein. This sequence is identical among human, rat and mouse origins.

### BACKGROUND

BCL-w is a member of the Bcl-2 family. The gene codes for a 21 kDa protein which is essential for the regulation of cellular survival, and that is up-regulated in different human tumors, such as gastric and colorectal carcinomas. Inhibition of AKT activity may promote apoptosis through the down-regulation of Bcl-w protein and the consequential reduction in interaction of Bcl-w with pro-apoptotic members of the Bcl-2 family.

### PURIFICATION

The Rabbit IgG is purified by site-modified Epitope Affinity Purification.

### SPECIFICITY

This antibody recognizes Bcl-w protein. It cross-reacts to human, mouse and rat. The other species were not tested.

### FORMULATION

This affinity purified antibody is supplied in sterile Tris-buffered saline (pH7.2) containing antibody stabilizer

### STORAGE

The antibodies are stable for 12 months from date of receipt when stored at  $-20^{\circ}\text{C}$  to  $-70^{\circ}\text{C}$ . The antibodies can be stored at  $2^{\circ}\text{C}$ - $8^{\circ}\text{C}$  for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

### APPLICATIONS/SUGGESTED WORKING DILUTIONS

Western Blot	0.1-1 $\mu\text{g/ml}$
ELISA	0.01-0.1 $\mu\text{g/ml}$
Immunoprecipitation	2-5 $\mu\text{g/ml}$
IHC	2-5 $\mu\text{g/ml}$
Flow cytometry	Not tested

<b>MOLECULAR WEIGHT:</b>	21 kDa
<b>POSITIVE CONTROL:</b>	Hela cells
<b>CELLULAR LOCATION:</b>	Cytoplasmic

Optimal dilutions should be determined by researchers for the specific applications.

### DATA ATTACHMENTS



**Western Blot:** The whole cell lysate derived from Hela cell was separated in 12% SDS-PAGE, transferred onto NC membrane, and immunoblotted by Rabbit anti - Bcl-w (Cat#602-950) antibody at 1:500. An immunoreactive band around ~21 kDa was observed.

### REFERENCES

Gibson,L., Bcl-w, a novel member of the bcl-2 family, promotes cell survival. Oncogene 13 (4), 665-675 (1996)

**FOR RESEARCH USE ONLY.**

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