

## Rabbit anti-Human Bcl-G BH3 Domain Polyclonal Antibody | anti-BCL2L14 antibody

Bcl-G BH3 Domain Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA283668</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

Bcl-G BH3 Domain; Polyclonal Antibody; Bcl-G BH3 Domain Antibody; Apoptosis facilitator Bcl-2-like protein 14; Bcl2-L-14; Apoptosis regulator Bcl-G; BCL2L14; BCLG; anti-BCL2L14 antibody

### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                                                                                           |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                                                                                    |
| Reactivity                                        | Human                                                                                                                                                                                     |
| Clonality                                         | Polyclonal                                                                                                                                                                                |
| Isotype                                           | Rabbit Ig                                                                                                                                                                                 |
| Specificity                                       | This Bcl antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 194-229 amino acids from human Bcl.                                                 |
| Purity/Purification                               | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                                 |
| Form/Format                                       | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| Concentration                                     | Vial Concentration: 2 (varies by lot)                                                                                                                                                     |
| Sequence Positions                                | 194-229                                                                                                                                                                                   |
| Sequence Length                                   | 252                                                                                                                                                                                       |
| Applicable Applications for anti-BCL2L14 antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                                                      |
| Antigen Type                                      | Synthetic Peptide                                                                                                                                                                         |
| Antigen Source                                    | HUMAN                                                                                                                                                                                     |
| Preparation and Storage                           | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                                    |

### IMAGES



#### IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



#### WB (Western Blot)

Cell lysates were subjected to Western blotting to determine the expression of Bcl-gS protein. The levels of alpha-tubulin were determined to assure equal loading.

**WB (Western Blot)**

Western blot analysis of anti-Bcl-G BH3 Domain Pab in K562 cell line lysates (35ug/lane). Bcl-G BH3 Domain (arrow) was detected using the purified Pab.

**WB (Western Blot)**

Anti-Bcl-G-BH3 Antibody at 1:2000 dilution + human lung lysates. Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 37 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

**ADDITIONAL INFORMATION**

|                                                              |                                                                                                                                                                                                                                                                        |
|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-BCL2L14 antibody</b> | Bcl-G belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. Overexpression of Bcl-G has been shown to induce apoptosis in cells. |
| <b>Product Categories/Family for anti-BCL2L14 antibody</b>   | <a href="#">Cell Biology</a>                                                                                                                                                                                                                                           |
| <b>References</b>                                            | Ozalp, S.S., et al., Eur J Gynaecol Oncol 23(5):419-422 (2002).<br>Guo, B., et al., J. Biol. Chem. 276(4):2780-2785 (2001).                                                                                                                                            |

**NCBI AND UNIPROT INFORMATION**

|                                         |                                                                                                   |
|-----------------------------------------|---------------------------------------------------------------------------------------------------|
| <b>NCBI GI #</b>                        | <a href="#">13540529</a>                                                                          |
| <b>NCBI GeneID</b>                      | <a href="#">79370</a>                                                                             |
| <b>NCBI Accession #</b>                 | <a href="#">NP_110393.1</a> ; <a href="#">NP_620048.1</a> ; <a href="#">NP_620049.1</a>           |
| <b>NCBI GenBank Nucleotide #</b>        | <a href="#">NM_030766.1</a>                                                                       |
| <b>UniProt Accession #</b>              | <a href="#">Q9BZR8</a> ; <a href="#">Q96QR5</a> ; <a href="#">Q9BZR7</a> ; <a href="#">A8KAD0</a> |
| <b>Molecular Weight</b>                 | 36598                                                                                             |
| <b>NCBI Official Full Name</b>          | apoptosis facilitator Bcl-2-like protein 14 isoform 2                                             |
| <b>NCBI Official Synonym Full Names</b> | BCL2-like 14 (apoptosis facilitator)                                                              |
| <b>NCBI Official Symbol</b>             | BCL2L14                                                                                           |
| <b>NCBI Official Synonym Symbols</b>    | BCLG                                                                                              |
| <b>NCBI Protein Information</b>         | apoptosis facilitator Bcl-2-like protein 14                                                       |
| <b>UniProt Protein Name</b>             | Apoptosis facilitator Bcl-2-like protein 14                                                       |
| <b>UniProt Gene Name</b>                | <b>BCL2L14</b>                                                                                    |
| <b>UniProt Synonym Gene Names</b>       | BCLG; Bcl2-L-14                                                                                   |
| <b>UniProt Entry Name</b>               | B2L14_HUMAN                                                                                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/bcl-g-bh3-domain-antibody-immunohistochemistry-western-blot-elisa/283668>