For Research Use Only

**BCL2L13 Polyclonal ANTIBODY**

**Catalog Number:** 16612-1-AP

### Basic Information

**Catalog Number:** 16612-1-AP

**Size:**

36 μg/150 μl

**Source:**

Rabbit

**Isotype:** IgG

**Purification Method:** Antigen affinity purification

**Immunogen Catalog Number:** AG9841

**GenBank Accession Number:** BC003032

**GeneID (NCBI):** 23786

**Full Name:** BCL2-like 13 (apoptosis facilitator)

**Calculated MW:** 485aa, 53 kDa

**Observed MW:** 85 kDa

### Applications

**Recommended Dilutions:**

- **WB:** 1:500-1:2400
- **IP:** 0.5-4.0 μg for IP and 1:500-1:2000 for WB
- **IHC:** 1:200-1:2000
- **IF:** 1:10-1:100

**Tested Applications:** IF, IHC, IP, WB, ELISA

**Cited Applications:** IF, IHC, WB

**Species Specificity:** human, mouse

**Cited Species:** human, mouse

**Positive Controls:**

- **WB:** Jurkat cells; C6 cells
- **IP:** mouse heart tissue;
- **IHC:** human pancreas tissue;
- **IF:** HepG2 cells;

**Note:** suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

### Background Information

BCL2L13/MIL1 gene encodes a mitochondrially-localized protein with conserved B-cell lymphoma 2 homology motifs. BCL2L13 gene is highest expressed in heart, placenta and pancreas. The encoded protein Bcl-rambo may promote the activation of caspase-3 and apoptosis. The Bcl-rambo cell death activity was induced by its membrane-anchored C-terminal domain and not by the Bcl-2 homology region (PMID: 11262395). Multivariate analysis demonstrated that high expression of BCL2L13 was an independent prognostic factor for in childhood acute lymphoblastic leukemia (PMID: 20109966).

### Notable Publications

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<th>Author</th>
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<tr>
<td>Liping Ju</td>
<td>30352059</td>
<td>Biochem Biophys Res Commun</td>
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<td>Tomokazu Murakawa</td>
<td>26146385</td>
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<tr>
<td>Samuel A Jensen</td>
<td>24706835</td>
<td>Proc Natl Acad Sci U S A</td>
<td>WB, IHC, IF</td>
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### Storage

**Storage:** Store at -20°C. Stable for one year after shipment.

**Storage Buffer:** PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

**Aliquoting is unnecessary for -20°C storage**

For technical support and original validation data for this product please contact:

T 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or (312) 455-8498 (outside USA)

E: proteintech@ptglab.com

W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.
Jurkat cells were subjected to SDS PAGE followed by western blot with 16612-1-AP (BCL2L13 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.

IP Result of anti-BCL2L13 (IP:16612-1-AP, 3ug; Detection:16612-1-AP 1:100) with mouse heart tissue lysate 8000ug.

Immunohistochemical of paraffin-embedded human pancreas using 16612-1-AP (BCL2L13 antibody) at dilution of 1:100 (under 10x lens).

Immunohistochemical of paraffin-embedded human pancreas using 16612-1-AP (BCL2L13 antibody) at dilution of 1:100 (under 40x lens).

Immunofluorescent analysis of HepG2 cells, using BCL2L13 antibody 16612-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).

C6 cells were subjected to SDS PAGE followed by western blot with 16612-1-AP (BCL2L13 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.