Bcl-XL Polyclonal ANTIBODY
Catalog Number: 26967-1-AP

Basic Information
Catalog Number: 26967-1-AP
GenBank Accession Number: BC019307
GeneID (NCBI): 598
Full Name: BCL2L1
Calculated MW: 26 kDa
Observed MW: 30 kDa
Recommended Dilutions:
WB: 1:500-1:2000
IP: 0.5-4.0 μg for IP and 1:500-1:2000 for WB
IHC: 1:50-1:500
IF: 1:50-1:500

Recommended Dilutions:
WB: 1:500-1:2000
IP: 0.5-4.0 μg for IP and 1:500-1:2000 for WB
IHC: 1:50-1:500
IF: 1:50-1:500

Size:
65 μg/150 μl
Source:
Rabbit
IgG
Purification Method:
Antigen affinity purification
Immunogen Catalog Number: AG25604

GenBank Accession Number: BC019307
GeneID (NCBI): 598
Full Name: BCL2L1
Calculated MW: 26 kDa
Observed MW: 30 kDa

Recommended Dilutions:
WB: 1:500-1:2000
IP: 0.5-4.0 μg for IP and 1:500-1:2000 for WB
IHC: 1:50-1:500
IF: 1:50-1:500

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

Applications
Tested Applications:
IF, IHC, IP, WB, ELISA
Cited Applications:
WB
Species Specificity:
human, mouse
Cited Species:
human, mouse

Background Information
BCL2L1 is a member of the BCL-2 protein family. BCL2L1 is expressed as three isoforms, Bcl-X(L), Bcl-X(S) and Bcl-X(Beta), and is located at the outer mitochondrial membrane. The Bcl-XL isoform is a 233 amino acid protein, acting as an apoptotic inhibitor. Bcl-XL can forms heterodimers with BAX, BAK or BCL2, and the heterodimerization with BAX does not seem to be required for anti-apoptotic activity. The Bcl-XS isoform is a shorter variant that is 178 amino acids in length and lacks a 63 amino acid region (amino acids 126-188), acting as an apoptotic activator. This antibody can recognize Bcl-XL, Bcl-XS and Bcl-X(Beta).

Notable Publications
<table>
<thead>
<tr>
<th>Author</th>
<th>Pubmed ID</th>
<th>Journal</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ling Cheng</td>
<td>29565710</td>
<td>Cancer Biol Ther</td>
<td>WB</td>
</tr>
<tr>
<td>Xin Chen</td>
<td>29386218</td>
<td>Clin Cancer Res</td>
<td>WB</td>
</tr>
<tr>
<td>Yanyan Zhu</td>
<td>28076833</td>
<td>Biomed Pharmacother</td>
<td>WB</td>
</tr>
</tbody>
</table>

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% 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:
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.
NIH/3T3 cells were subjected to SDS-PAGE followed by western blot with 26967-1-AP (Bcl-XL antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.

Immunohistochemistry of paraffin-embedded human testis tissue slide using 26967-1-AP (Bcl-XL antibody) at dilution of 1:200 (under 10x lens).

Immunohistochemistry of paraffin-embedded human testis tissue slide using 26967-1-AP (Bcl-XL antibody) at dilution of 1:200 (under 40x lens).

IP result of anti-Bcl-XL (IP:26967-1-AP, 4ug; Detection:26967-1-AP 1:1000) with NIH/3T3 cells lysate 2000 ug.

Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 26967-1-AP (Bcl-XL antibody) at dilution of 1:50 and Alexa Fluor 488- Conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).