

For Research Use Only

Bcl-XL Polyclonal antibody

Catalog Number: 26967-1-AP **66 Publications**



Basic Information

Catalog Number: 26967-1-AP	GenBank Accession Number: BC019307	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 450 µg/ml by Nanodrop and 433 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 598	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500
Source: Rabbit	Full Name: BCL2-like 1	
Isotype: IgG	Calculated MW: 26 kDa	
Immunogen Catalog Number: AG25604	Observed MW: 30 kDa	

Applications

Tested Applications: FC, IHC, IP, WB, ELISA	Positive Controls: WB : NIH/3T3 cells, RAW 264.7 cells IP : NIH/3T3 cells, IHC : human testis tissue, human lung cancer tissue
Cited Applications: IF, IHC, WB	
Species Specificity: human, mouse	
Cited Species: human, rat, mouse, canine	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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 form 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

Author	Pubmed ID	Journal	Application
Guibin Lin	31607919	Front Pharmacol	WB
Jiangjiang Fan	30246250	J Cell Physiol	WB
Xiao-Lei Xin	31542790	Med Sci Monit	WB

Storage

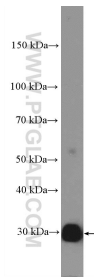
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

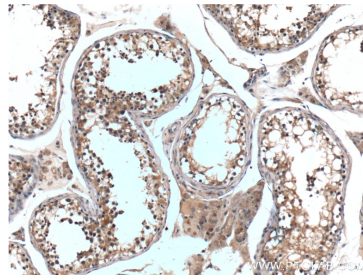
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

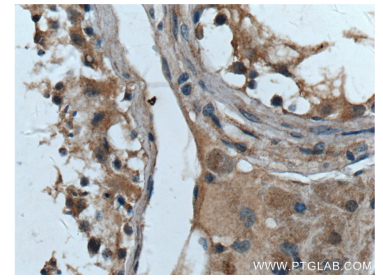
Selected Validation Data



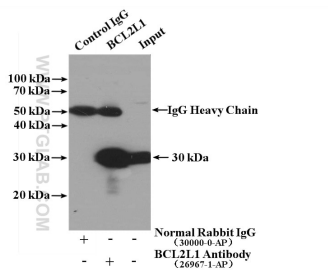
NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 26967-1-AP (Bcl-XL antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



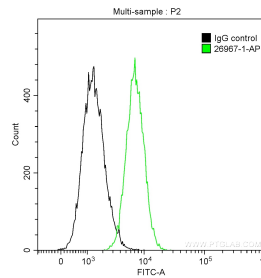
Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 26967-1-AP (Bcl-XL antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis 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.



1×10^6 Jurkat cells were intracellularly stained with 0.2 ug Anti-Human Bcl-XL (26967-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (green), and 0.2 ug Control Antibody. Cells were fixed with 90% MeOH.