

For Research Use Only

# BAK Polyclonal antibody

Catalog Number: 30017-1-AP



## Basic Information

<b>Catalog Number:</b> 30017-1-AP	<b>GenBank Accession Number:</b> BC004431	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 850 µg/ml	<b>GeneID (NCBI):</b> 578	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q16611	
<b>Isotype:</b> IgG	<b>Full Name:</b> BCL2-antagonist/killer 1	
<b>Immunogen Catalog Number:</b> AG27958	<b>Calculated MW:</b> 23 kDa	
	<b>Observed MW:</b> 23 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, Neuro-2a cells, PC-12 cells, HeLa cells, THP-1 cells
<b>Species Specificity:</b> Human, rat, mouse	

## Background Information

The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form oligomers or heterodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein localizes to mitochondria, and functions to induce apoptosis. It interacts with and accelerates the opening of the mitochondrial voltage-dependent anion channel, which leads to a loss in membrane potential and the release of cytochrome c. This protein also interacts with the tumor suppressor P53 after exposure to cell stress.

## 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:

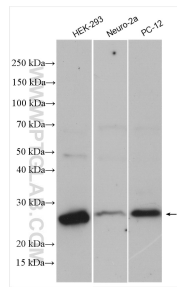
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

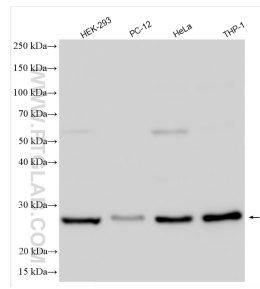
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30017-1-AP (BAK antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 30017-1-AP (BAK antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.