

For Research Use Only

BAK Polyclonal antibody

Catalog Number: 30017-1-AP



Basic Information

Catalog Number: 30017-1-AP	GenBank Accession Number: BC004431	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 850 µg/ml by Nanodrop;	GeneID (NCBI): 578	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: BCL2-antagonist/killer 1	
Isotype: IgG	Calculated MW: 23 kDa	
Immunogen Catalog Number: AG27958	Observed MW: 23 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293 cells, Neuro-2a cells, PC-12 cells, HeLa cells, THP-1 cells
Species Specificity: Human	

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

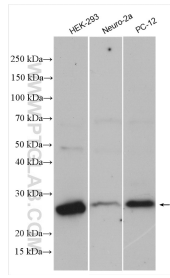
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

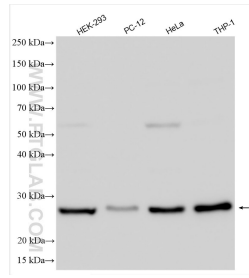
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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Selected Validation Data



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.