

For Research Use Only

BAK Polyclonal antibody

Catalog Number: 14673-1-AP **35 Publications**



Basic Information

Catalog Number: 14673-1-AP	GenBank Accession Number: BC004431	Purification Method: Antigen affinity purification
Size: 300 µg/ml	GeneID (NCBI): 578	
Source: Rabbit	UNIPROT ID: Q16611	
Isotype: IgG	Full Name: BCL2-antagonist/killer 1	
Immunogen Catalog Number: AG6354	Calculated MW: 23 kDa	

Applications

Tested Applications:
ELISA

Cited Applications:
WB, IF, IHC

Species Specificity:
human, mouse, rat

Cited Species:
human, chicken, rat, sheep, mouse

Background Information

BAK1, also named as BAK, BCL2L7 and CDN1, belongs to the Bcl-2 family. In the presence of an appropriate stimulus, BAK1 accelerates programmed cell death by binding to, and antagonizing the anti-apoptotic action of BCL2 or its adenovirus homolog E1B 19k protein. Low micromolar levels of zinc ions inhibit the promotion of apoptosis. (PMID:17157251) BAK1 gene product primarily enhances apoptotic cell death following an appropriate stimulus. It can inhibit cell death in an Epstein-Barr virus-transformed cell line.

Notable Publications

Author	Pubmed ID	Journal	Application
Xufeng Tao	25083618	Transplantation	WB
Yanan Li	27663303	BMC Microbiol	WB
Surong Zhao	26323360	J Bioenerg Biomembr	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

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

T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data