

For Research Use Only

# BAK Polyclonal antibody

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



## Basic Information

<b>Catalog Number:</b> 14673-1-AP	<b>GenBank Accession Number:</b> BC004431	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 300 µg/ml	<b>GeneID (NCBI):</b> 578	
<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> AG6354	<b>Calculated MW:</b> 23 kDa	

## Applications

**Tested Applications:**  
ELISA

**Cited Applications:**  
IF, IHC, WB

**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:

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## Selected Validation Data