

# Bak Rabbit pAb

Catalog No.: A0497

## Basic Information

### Observed MW

23kDa

### Calculated MW

23kDa

### Category

Primary antibody

### Applications

WB

### Cross-Reactivity

Human

## Background

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.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

578

### Swiss Prot

Q16611

### Immunogen

A synthetic peptide of human Bak

### Synonyms

BAK; CDN1; BCL2L7; BAK-LIKE; Bak

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

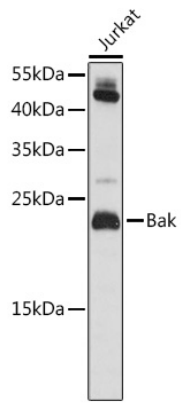
### Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH7.3.

## Validation Data

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Western blot analysis of lysates from Jurkat cells, using Bak Rabbit pAb (A0497).  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.