

Datasheet for ABIN3020677  
**anti-BAK1 antibody (AA 62-112)**

## 8 Images

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## Overview

Quantity:	100 µL
Target:	BAK1
Binding Specificity:	AA 62-112
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP)

## Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 62-112 of human Bak (NP_001179.1).
Sequence:	TLPLQPSSTM GQVGRQLAI GDDINRRYDS EFQTMLQLHLQ PTAENAYEYF T
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	BAK1
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## Target Details

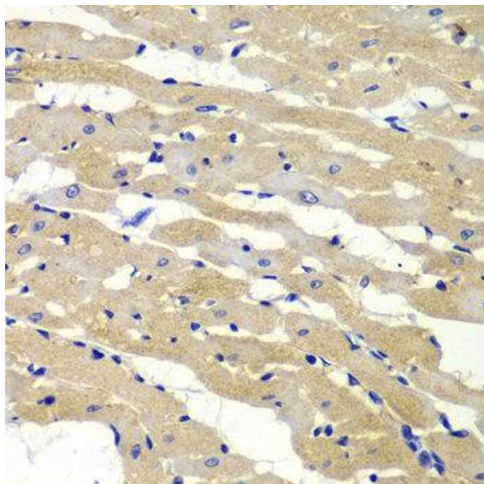
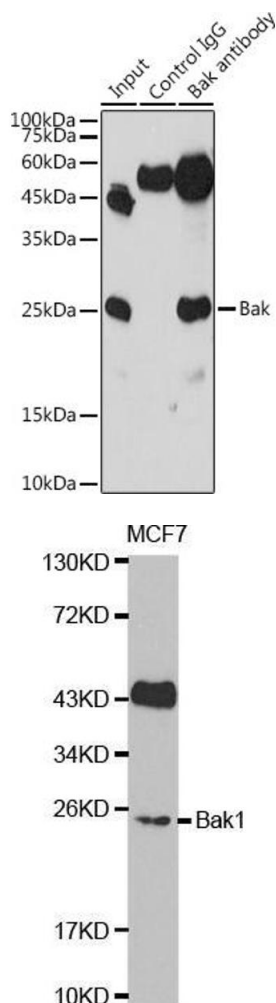
Alternative Name:	Bak1 ( <a href="#">BAK1 Products</a> )
Background:	<p>The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form oligomers or heterodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This 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.,BAK1,BAK,BAK-LIKE,BCL2L7,Cell Biology &amp; Developmental Biology,Apoptosis,Mitochondrial Control of Apoptosis,Endocrine &amp; Metabolism,Mitochondrial metabolism,Bak1</p>
Molecular Weight:	16 kDa/23 kDa
Gene ID:	578
UniProt:	<a href="#">Q16611</a>
Pathways:	<a href="#">Apoptosis</a> , <a href="#">Steroid Hormone Mediated Signaling Pathway</a> , <a href="#">ER-Nucleus Signaling</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a> , <a href="#">Unfolded Protein Response</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200,IP,1:50 - 1:200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Immunoprecipitation

**Image 1.** Immunoprecipitation analysis of 300 µg extracts of THP-1 cells using 3 µg Bak antibody (ABIN3020676, ABIN3020677, ABIN3020678 and ABIN6213662). Western blot was performed from the immunoprecipitate using Bak antibody (ABIN3020676, ABIN3020677, ABIN3020678 and ABIN6213662) at a dilution of 1:1000.

### Western Blotting

**Image 2.** Western blot analysis of extracts of MCF7 cell lines, using BAK1 antibody.

### Immunohistochemistry

**Image 3.**

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN3020677.