

Datasheet for ABIN3030113
anti-BAK1 antibody (AA 56-91)



[Go to Product page](#)

3 Images

Overview

Quantity:	0.4 mL
Target:	BAK1
Binding Specificity:	AA 56-91
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	A portion of amino acids 56-91 from the human protein was used as the immunogen for this Bak antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	BAK1
Alternative Name:	Bak (BAK1 Products)
Background:	BAK 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. BAK localizes to mitochondria, and functions to induce apoptosis. It interacts with

Target Details

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.

UniProt:	Q16611
Pathways:	Apoptosis , Steroid Hormone Mediated Signaling Pathway , ER-Nucleus Signaling , Positive Regulation of Endopeptidase Activity , Unfolded Protein Response

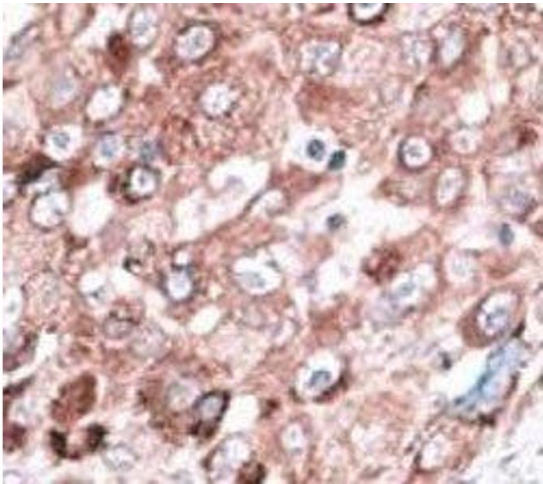
Application Details

Application Notes:	Titration of the Bak antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. IHC (Paraffin): 1:50-1:100,Western blot: 1:1000
Restrictions:	For Research Use only

Handling

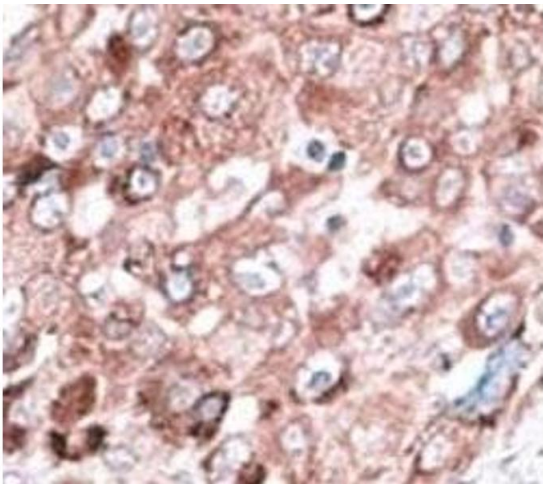
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the Bak antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



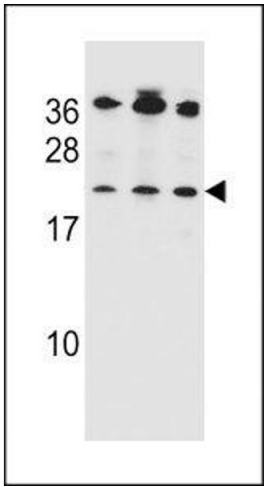
Immunohistochemistry

Image 1. IHC analysis of FFPE hepatocarcinoma cancer tissue stained with the Bak antibody



Immunohistochemistry

Image 2. IHC analysis of FFPE hepatocarcinoma cancer tissue stained with the Bak antibody



Western Blotting

Image 3. Bak antibody western blot analysis in 1) Jurkat, 2) MDA-MB453 and 3) 293 lysate