Datasheet for ABIN7254779

anti-BAK1 antibody

2 Images

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Overview

Quantity:	200 µL
Target:	BAK1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	A synthetic peptide of human BAK1 (NP_001179.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	BAK1
Alternative Name:	BAK1 (BAK1 Products)
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-

Target Details

	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.
Molecular Weight:	Observed_MW: 26 kDa Calculated_MW: 16 kDa/23 kDa
Gene ID:	578
UniProt:	Q16611
Pathways:	Apoptosis, Steroid Hormone Mediated Signaling Pathway, ER-Nucleus Signaling, Positive Regulation of Endopeptidase Activity, Unfolded Protein Response

Application Details

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

Handling

Format:	Liquid
Concentration:	1 mg/mL
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.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

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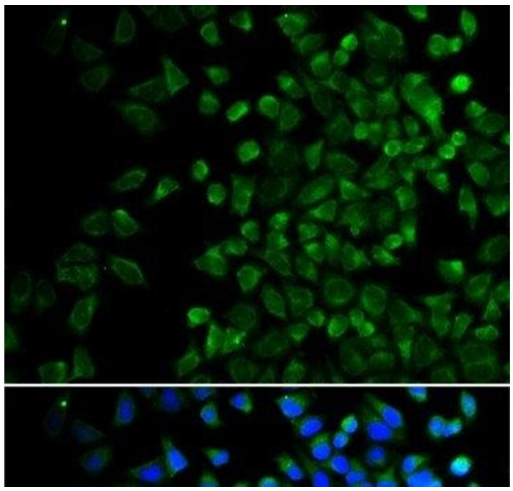
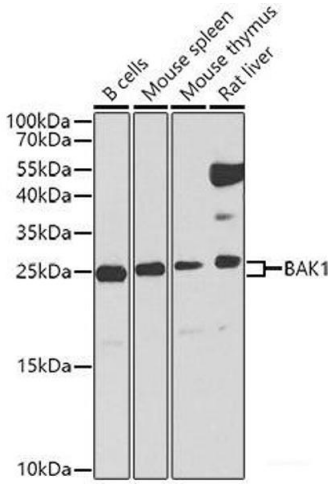


Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells using BAK1 Polyclonal Antibody



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using BAK1 Polyclonal Antibody at dilution of 1:1000.

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