

ARG62367
anti-Bak antibodyPackage: 100 µl, 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Bak
Tested Reactivity	Hu, Ms, Hm
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Bak
Species	Human
Immunogen	A synthetic peptide from the N terminus of human Bak protein.
Epitope	N-terminal
Conjugation	Un-conjugated
Alternate Names	Apoptosis regulator BAK; BCL2L7; Bcl-2-like protein 7; CDN1; Bcl2-L-7; Bcl-2 homologous antagonist/killer; BAK-LIKE; BAK

Application Instructions

Application table	Application	Dilution
	IHC-P	1:500
	WB	1:500
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	A431 cells. Tonsil.	

Properties

Form	Liquid
Purification	Purified Antibody
Buffer	1X PBS and 0.1% Sodium azide
Preservative	0.1% Sodium azide
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

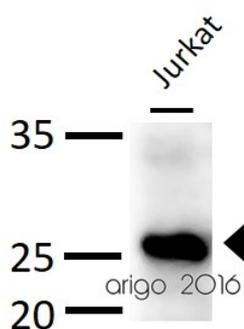
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 12018 Mouse GeneID: 578 Human Swiss-port # O08734 Mouse Swiss-port # Q16611 Human
Gene Symbol	BAK1
Gene Full Name	BCL2-antagonist/killer 1
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. [provided by RefSeq, Jul 2008]
Function	In the presence of an appropriate stimulus, 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. [UniProt]
Highlight	Related Antibody Duos and Panels: ARG30275 Pro-apoptotic Bcl2 protein Antibody Panel (BAX, BAK, Bid) Related products: Bak antibodies: Bak Duos / Panels: Anti-Rabbit IgG secondary antibodies:
Research Area	Cell Biology and Cellular Response antibody; Cell Death antibody; Pro-apoptotic Bcl2 protein antibody
Calculated Mw	23 kDa

Images



ARG62367 anti-Bak antibody WB image

Western blot: 30 µg of Jurkat cell lysate stained with ARG62367 anti-Bak antibody at 1:500 dilution.