

Rabbit anti-Human, Mouse Bak Polyclonal Antibody | anti-BAK1 antibody

Bak Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40291	Rabbit	Human, Mouse	Immunocytochemistry, Western Blot, ELISA

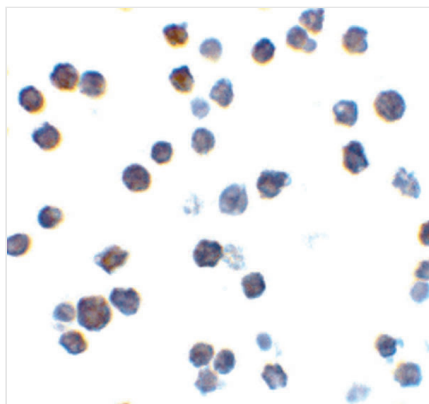
PRODUCT SYNONYMS

Bak; Polyclonal Antibody; Bak Antibody; BAK; CDN1; BCL2L7; BAK-LIKE; Apoptosis regulator BAK; Bcl2-L-7; BCL2-antagonist/killer 1; anti-BAK1 antibody

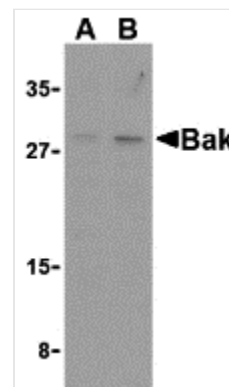
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Bak Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	211
Applicable Applications for anti-BAK1 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Bak antibody was raised against a peptide corresponding to 13 amino acids near the amino-terminus of human Bak.
Buffer	Bak Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Bak antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


ICC (Immunocytochemistry)

Immunocytochemistry of Bak in L1210 cells with Bak antibody at 2 &#956;g/mL.


WB (Western Blot)

Western blot analysis of Bak in L1210 cell lysates with Bak antibody at (A) 1 and (B) 2 &#956;g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-BAK1 antibody	Bak Antibody: Apoptosis plays a major role in normal organism development, tissue homeostasis, and removal of damaged cells. Disruption of this process has been implicated in a variety of diseases such as cancer. The Bcl-2 family of proteins is comprised of critical regulators of apoptosis that can be divided into two classes: those that inhibit apoptosis and those that promote cell death. Bak, a pro-apoptotic Bcl-2 family member, is an oligomeric protein that localizes to the mitochondria. It is thought to share significant functional homology with Bax, another pro-apoptotic Bcl-2 family member, as disruption of bak or bax has little effect on cell death, but mice lacking both genes display multiple developmental defects and cells lacking bak and bax show decreased apoptotic capability.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2493274
NCBI GeneID	578
UniProt Accession #	Q16611; Q6I9T6; Q92533; C0H5Y7
Molecular Weight	16,872 Da
NCBI Official Full Name	Bcl-2 homologous antagonist/killer
NCBI Official Synonym Full Names	BCL2-antagonist/killer 1
NCBI Official Symbol	BAK1
NCBI Official Synonym Symbols	BAK; CDN1; BCL2L7; BAK-LIKE
NCBI Protein Information	bcl-2 homologous antagonist/killer; bcl2-L-7; BCL2-like 7 protein; bcl-2-like protein 7; apoptosis regulator BAK; pro-apoptotic protein BAK
UniProt Protein Name	Bcl-2 homologous antagonist/killer
UniProt Gene Name	BAK1
UniProt Synonym Gene Names	BAK; BCL2L7; CDN1; Bcl2-L-7
UniProt Entry Name	BAK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bak-antibody-immunocytochemistry-western-blot-elisa/40291>