



Bak Polyclonal Antibody

Catalog No	BYab-00314
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;IHC;IF;ELISA
Gene Name	BAK1
Protein Name	Bcl-2 homologous antagonist/killer
Immunogen	The antiserum was produced against synthesized peptide derived from human Bak. AA range:1-50
Specificity	Bak Polyclonal Antibody detects endogenous levels of Bak protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. IF 1:100-300 Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BAK1; BAK; BCL2L7; CDN1; Bcl-2 homologous antagonist/killer; Apoptosis regulator BAK; Bcl-2-like protein 7; Bcl2-L-7
Observed Band	25kD
Cell Pathway	Mitochondrion outer membrane ; Single-pass membrane protein .
Tissue Specificity	Expressed in a wide variety of tissues, with highest levels in the heart and skeletal muscle.
Function	caution:Could be the product of a pseudogene.,domain:Intact BH3 domain is required by BIK, BID, BAK, BAD and BAX for their pro-apoptotic activity and for their interaction with anti-apoptotic members of the Bcl-2 family. Apoptotic members of the Bcl-2 family.,domain:Intact BH3 motif is required by BIK, BID, BAK, BAD and BAX for their pro-apoptotic activity and for their interaction with anti-apoptotic members of the Bcl-2 family.,function:In the presence of an appropriate stimulus, accelerates programmed cell death by binding to, and antagonizing the a repressor Bcl-2 or its adenovirus homolog E1B 19k protein.,function:In the presence of an appropriate stimulus, accelerates programmed cell death by binding to, and antagonizing the a. repressor BCL2 or

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its adenovirus homolog E1B 19k protein. Low micromolar levels of zinc ions inhibit the promotion of apoptosis.,similarity:Belongs to the B

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],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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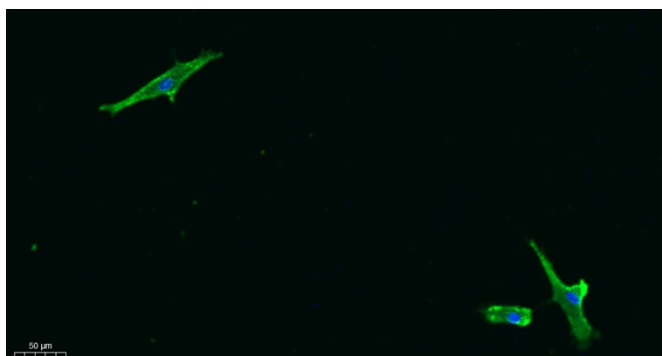
网址: www.njbybio.com

官方热线: 025-5229-8998

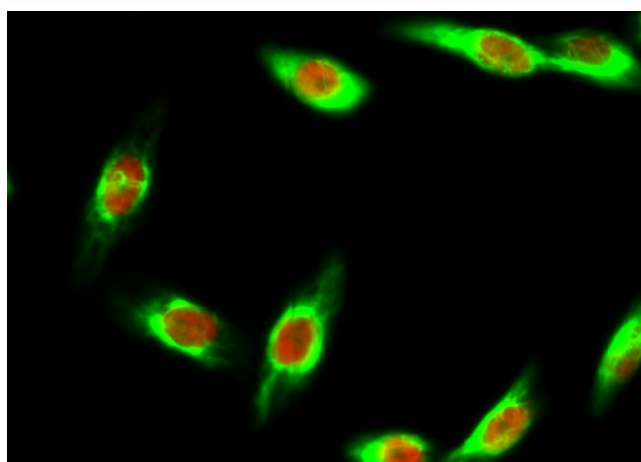
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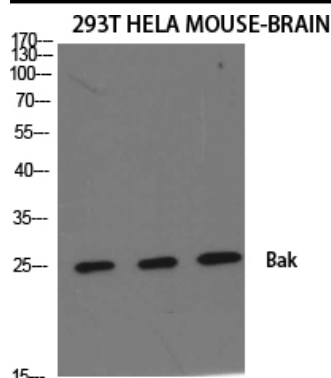
Products Images



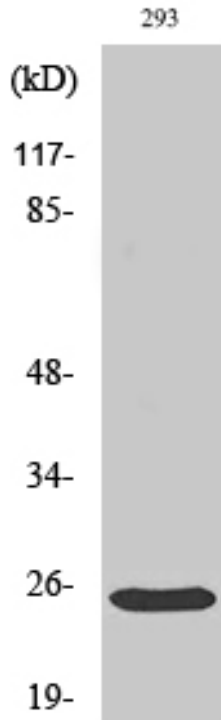
Immunofluorescence analysis of A549. 1, primary Antibody was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 488 Secondary antibody was diluted at 1:1000(room temperature, 50min).3, Picture B: DAPI(blue) 10min.



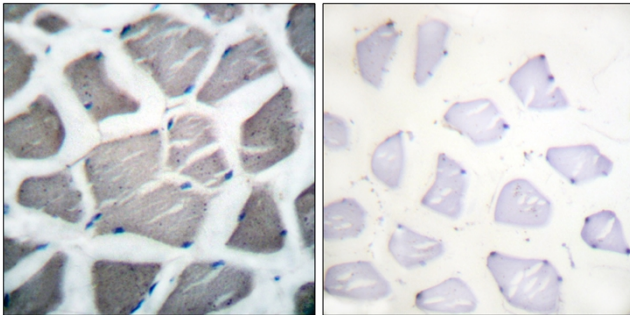
Immunofluorescence analysis of HeLa cell. 1, Bak Polyclonal Antibody(green) was diluted at 1:200(4°C overnight). (red) was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit Alexa Fluor 488 Catalog:RS3211 was diluted at 1:1000(room temperature, 50min). Goat Anti Mouse Alexa Fluor 594 Catalog:RS3608 was diluted at 1:1000(room temperature, 50min).



Western Blot analysis of various cells using Bak Polyclonal Antibody diluted at 1:500



Western Blot analysis of 293 cells using Bak Polyclonal Antibody diluted at 1:500



Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue, using Bak Antibody. The picture on the right is blocked with the synthesized peptide.