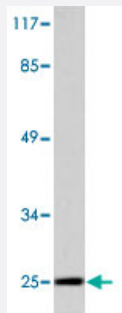


BAK1 polyclonal antibody

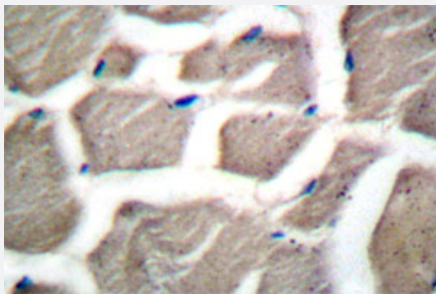
Catalog # PAB27022 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of BAK1 polyclonal antibody (Cat # PAB27022) in extracts from 293 cells.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of BAK1 polyclonal antibody (Cat # PAB27022) in paraffin-embedded human skeletal muscle tissue.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of BAK1.
Immunogen	A synthetic peptide corresponding to human BAK1.
Host	Rabbit
Theoretical MW (kDa)	25
Reactivity	Human, Mouse
Specificity	BAK1 polyclonal antibody detects endogenous levels of BAK1 protein.
Form	Liquid

Purification	Antigen affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of BAK1 polyclonal antibody (Cat # PAB27022) in extracts from 293 cells.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of BAK1 polyclonal antibody (Cat # PAB27022) in paraffin-embedded human skeletal muscle tissue.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — BAK1

Entrez GeneID	578
Protein Accession#	Q16611
Gene Name	BAK1
Gene Alias	BAK, BAK-LIKE, BCL2L7, CDN1, MGC117255, MGC3887
Gene Description	BCL2-antagonist/killer 1
Omim ID	600516
Gene Ontology	Hyperlink

Gene Summary

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]

Other Designations

BCL2-like 7 protein|Bcl-2 homologous antagonist/killer|OTTHUMP00000016211|OTTHUMP00000039620|apoptosis regulator BAK|pro-apoptotic protein BAK

Disease

- [Adenocarcinoma](#)
- [Arthritis](#)
- [Ataxia Telangiectasia](#)
- [Autoimmune Diseases](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
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