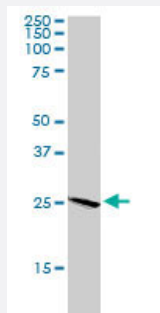


BAK1 polyclonal antibody

Catalog # PAB6121 Size 100 ug

Applications



Western Blot (Cell lysate)

BAK1 polyclonal antibody (Cat # PAB6121) staining (0.5 ug/mL) of A-431 lysate (RIPA buffer, 30 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of BAK1.

Immunogen A synthetic peptide corresponding to human BAK1.

Sequence ASGQGPGPPRQE-C

Host Goat

Theoretical MW (kDa) 23.4

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
 ELISA (1:32000)
 Western blot (0.5-1 ug/mL)
 The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	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)

BAK1 polyclonal antibody (Cat # PAB6121) staining (0.5 ug/mL) of A-431 lysate (RIPA buffer, 30 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — BAK1

Entrez GeneID	578
Protein Accession#	NP_001179
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

Publication Reference

- [Isolation of a novel gene mutated in Wiskott-Aldrich syndrome.](#)

Derry JM, Ochs HD, Francke U.

Cell 1994 Aug; 78(4):635.

Disease

- [Adenocarcinoma](#)
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