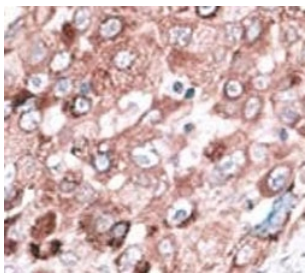
Bak Antibody (F42652)

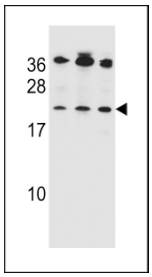
Catalog No.	Formulation	Size
F42652-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F42652-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q16611
Applications	IHC (Paraffin): 1:50-1:100 Western blot: 1:1000
Limitations	This Bak antibody is available for research use only.



IHC analysis of FFPE hepatocarcinoma cancer tissue stained with the Bak antibody



Bak antibody western blot analysis in 1) Jurkat, 2) MDA-MB453 and 3) 293 lysate

Description

BAK 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. BAK 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.

Application Notes

Titration of the Bak antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 56-91 from the human protein was used as the immunogen for this Bak antibody.

Storage

Aliquot the Bak antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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