

BAK Polyclonal Antibody

Catalog NumberPA5-16470

Product data sheet

Details		Species Reactivity	
Size	500 µL	Species reactivity	Hamster, Human, Mouse
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody		
Immunogen	A synthetic peptide from the N-terminus of human Bak protein	Immunohistochemistry (Paraffin) (IHC (P))	2.5-5.0 µg/mL
Conjugate	Unconjugated	Western Blot (WB)	2.5-5.0 µg/mL
Form	Liquid	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Concentration	1 mg/mL		
Purification	Protein A		
Storage buffer	PBS, pH 7.4, with 0.2% BSA		
Contains	0.09% sodium azide		
Storage Conditions	4° C		

Product specific information

PA5-16470 targets Bak in IHC (P) and WB applications and shows reactivity with mouse, Hamster, and Human samples. The PA5-16470 immunogen is a synthetic peptide from the N-terminus of human Bak protein.

Background/Target Information

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.

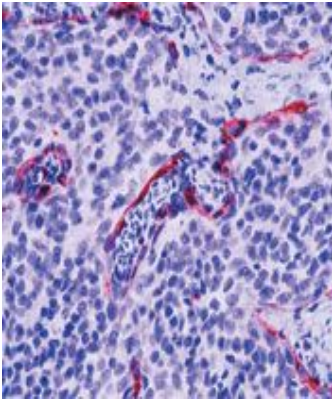
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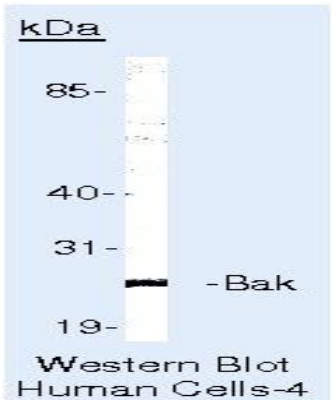
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Product Images For BAK Polyclonal Antibody



**BAK Antibody (PA5-16470) in IHC (P)**  
Formalin-fixed, paraffin-embedded human tonsil stained with Bak antibody using peroxidase-conjugate and AEC chromogen. Note cytoplasmic staining of mucosal epithelial cells.



**BAK Antibody (PA5-16470) in WB**  
Western blot of Bak using Bak Polyclonal Antibody (Product # PA5-16470) on A431 Cells.

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