

产品名称: Bak (16T6) Rabbit Monoclonal Antibody
产品货号: AMRe07456



产品概述 (Summary)

产品名称 (Production Name)	Bak (16T6) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,FC,IP
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	BAK1
别名 (Alternative Names)	BAK1;BAK;BAK-LIKE;BCL2L7;CDN1;
基因 ID (Gene ID)	578.0
蛋白 ID (SwissProt ID)	Q16611.A synthetic peptide of human Bak

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:2000-1:10000,IHC 1:100-1:200,ICC/IF 1:20-1:50,FC 1:20-1:50,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	23kDa

研究背景 (Background)

Bak is a proapoptotic member of the Bcl-2 family. This protein is located on the outer membrane of mitochondria and is an

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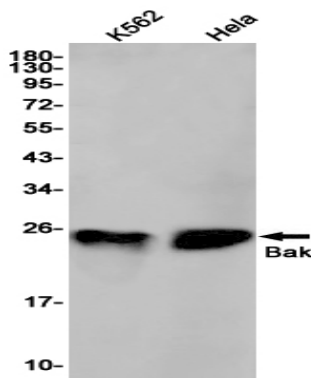
essential component for transduction of apoptotic signals through the mitochondrial pathway. Upon apoptotic stimulation, an upstream stimulator like truncated BID (tBID) induces conformational changes in Bak to form oligomer channels in the mitochondrial membrane for cytochrome c release. The release of cytochrome c to the cytosol activates the caspase-9 pathway and eventually leads to cell death.

Plays a role in the mitochondrial apoptotic process. Upon arrival of cell death signals, promotes mitochondrial outer membrane (MOM) permeabilization by oligomerizing to form pores within the MOM. This releases apoptogenic factors into the cytosol, including cytochrome c, promoting the activation of caspase 9 which in turn processes and activates the effector caspases.

研究领域 (Research Area)

Cell Biology; Apoptosis; Intracellular; Bcl2 Family; Oligo verified

图片 (Image Data)



Western blot detection of Bak in K562, HeLa cell lysates using Bak antibody (1:1000 diluted).

注意事项 (Note)

For research use only .