

产品名称: Bag-1 Rabbit Polyclonal Antibody
产品货号: APRab07434



产品概述 (Summary)

产品名称 (Production Name)	Bag-1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	BAG1
别名 (Alternative Names)	BAG1; HAP; BAG family molecular chaperone regulator 1; BAG-1; Bcl-2-associated athanogene 1
基因 ID (Gene ID)	573.0
蛋白 ID (SwissProt ID)	Q99933.The antiserum was produced against synthesized peptide derived from the Internal region of human BAG1. AA range:41-90

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	35kDa

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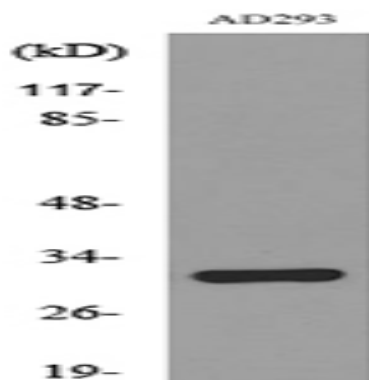
研究背景 (Background)

The oncogene BCL2 is a membrane protein that blocks a step in a pathway leading to apoptosis or programmed cell death. The protein encoded by this gene binds to BCL2 and is referred to as BCL2-associated athanogene. It enhances the anti-apoptotic effects of BCL2 and represents a link between growth factor receptors and anti-apoptotic mechanisms. Multiple protein isoforms are encoded by this mRNA through the use of a non-AUG (CUG) initiation codon, and three alternative downstream AUG initiation codons. A related pseudogene has been defined on chromosome X. [provided by RefSeq, Feb 2010],disease:May be linked to the cryptophthalmos syndrome (Fraser syndrome), an autosomal recessive disorder characterized by the failure of eyes fissures to form during embryogenesis, webbed fingers, and atresia of ear canals, anus, vagina, alimentary tract, or larynx. All these developmental processes require cell death.,function:Inhibits the chaperone activity of HSP70/HSC70 by promoting substrate release. Inhibits the pro-apoptotic function of PPP1R15A, and has anti-apoptotic activity. Markedly increases the anti-cell death function of BCL2 induced by various stimuli.,PTM:Ubiquitinated; mediated by SIAH1 or SIAH2 and leading to its subsequent proteasomal degradation.,similarity:Contains 1 BAG domain.,similarity:Contains 1 ubiquitin-like domain.,subcellular location:Isoform2 localizes to the cytoplasm and shuttles into the nucleus in response to heat shock.,subunit:Binds to the ATPase domain of HSP70/HSC chaperones. Binds to BCL2 and NR3C1. Interacts with N-terminal region of STK19. Interacts with PPP1R15A. Isoform 2 doesn't interact with HSP70/HSC or BCL2.,

研究领域 (Research Area)

Cell Biology

图片 (Image Data)



Western blot analysis of lysate from AD293 cells, using BAG1 Antibody.

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Western Blot analysis of AD293 cells using Bag-1 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .