

产品名称: EMAP II Rabbit Polyclonal Antibody
产品货号: APRab10432



产品概述 (Summary)

产品名称 (Production Name)	EMAP II 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)	AIMP1
别名 (Alternative Names)	AIMP1; EMAP2; SCYE1; Aminoacyl tRNA synthase complex-interacting multifunctional protein 1; Multisynthase complex auxiliary component p43
基因 ID (Gene ID)	9255.0
蛋白 ID (SwissProt ID)	Q12904.The antiserum was produced against synthesized peptide derived from the Internal region of human AIMP1. AA range:91-140

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	34kDa

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研究背景 (Background)

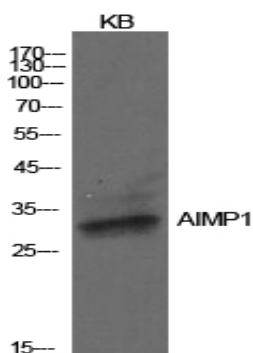
The protein encoded by this gene is a cytokine that is specifically induced by apoptosis, and it is involved in the control of angiogenesis, inflammation, and wound healing. The release of this cytokine renders the tumor-associated vasculature sensitive to tumor necrosis factor. The precursor protein is identical to the p43 subunit, which is associated with the multi-tRNA synthetase complex, and it modulates aminoacylation activity of tRNA synthetase in normal cells. This protein is also involved in the stimulation of inflammatory responses after proteolytic cleavage in tumor cells. Multiple transcript variants encoding different isoforms have been found for this gene. A pseudogene has been identified on chromosome 20.

[provided by RefSeq, Dec 2008],angiogenesis, blood vessel development, regulation of endothelial cell proliferation, negative regulation of endothelial cell proliferation, vasculature development, monosaccharide metabolic process, glucose metabolic process, tRNA metabolic process, translation, tRNA aminoacylation for protein translation, apoptosis, cell motion, chemotaxis,defense response, inflammatory response, cell adhesion, cell-cell signaling, behavior, locomotory behavior, cell death,negative regulation of cell proliferation, response to wounding, programmed cell death, death, cell migration, hexose metabolic process, biological adhesion, ncRNA metabolic process, regulation of cell proliferation, taxis, amino acid activation, tRNA aminoacylation, blood vessel morphogenesis, cell motility, leukocyte migration, localization of cell,

研究领域 (Research Area)

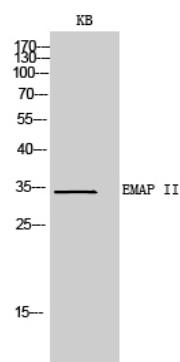
Cell Biology

图片 (Image Data)



Western Blot analysis of KB cells using EMAP II Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

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Western Blot analysis of KB cells using EMAP II Polyclonal Antibody. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .