

产品名称: Phospho-beta Arrestin 1 (Ser412) Rabbit Monoclonal Antibody
产品货号: AMRe84890



产品概述 (Summary)

产品名称 (Production Name)	Phospho-beta Arrestin 1 (Ser412) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,IP
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
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)	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	Phospho-beta Arrestin 1 (Ser412)
别名 (Alternative Names)	ARB1; ARR1; ARRB1; ARRB1_HUMAN; Arrestin 2; Arrestin beta 1; Arrestin beta-1; Beta-arrestin-1.
基因 ID (Gene ID)	408.0
蛋白 ID (SwissProt ID)	P49407.A synthetic phosphopeptide corresponding to residues surrounding Ser412 of human beta Arrestin 1

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000, IHC 1:50-1:100, IP 1:10-1:20
蛋白分子量 (Molecular Weight)	Calculated MW: 47 kDa; Observed MW: 50 kDa

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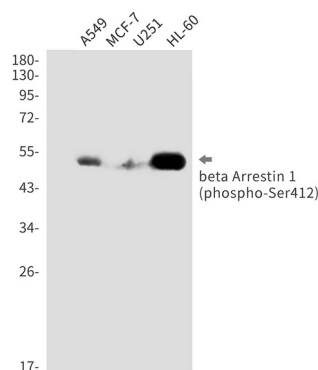
研究背景 (Background)

Members of arrestin/beta-arrestin protein family are thought to participate in agonist-mediated desensitization of G-protein-coupled receptors and cause specific dampening of cellular responses to stimuli such as hormones, neurotransmitters, or sensory signals. Arrestin beta 1 is a cytosolic protein and acts as a cofactor in the beta-adrenergic receptor kinase (BARK) mediated desensitization of beta-adrenergic receptors. Besides the central nervous system, it is expressed at high levels in peripheral blood leukocytes, and thus the BARK/beta-arrestin system is believed to play a major role in regulating receptor-mediated immune functions. Alternatively spliced transcripts encoding different isoforms of arrestin beta 1 have been described. [provided by RefSeq, Jan 2011]

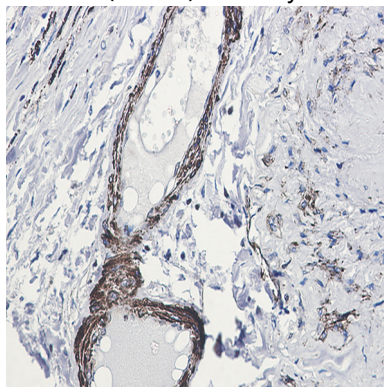
研究领域 (Research Area)

MAPK signaling pathway

图片 (Image Data)



Western blot analysis of Phospho-beta Arrestin 1 (Ser412) in A549, MCF-7, U251, HL-60 lysates using Phospho-beta Arrestin 1 (Ser412) antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using beta Arrestin 1 (Phospho-Ser412) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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注意事项 (Note)

For research use only .