

产品名称: AAK1 Rabbit Polyclonal Antibody
产品货号: APRab06377



产品概述 (Summary)

产品名称 (Production Name)	AAK1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat,Monkey

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)	AAK1
别名 (Alternative Names)	AAK1; KIAA1048; AP2-associated protein kinase 1; Adaptor-associated kinase 1
基因 ID (Gene ID)	22848.0
蛋白 ID (SwissProt ID)	Q2M2I8.The antiserum was produced against synthesized peptide derived from human AAK1. AA range:271-320

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	94kDa

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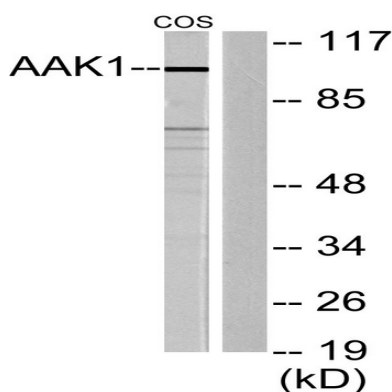


研究背景 (Background)

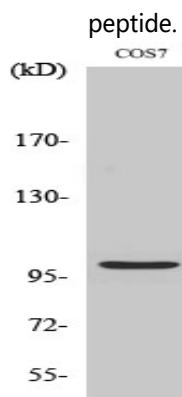
Adaptor-related protein complex 2 (AP-2 complexes) functions during receptor-mediated endocytosis to trigger clathrin assembly, interact with membrane-bound receptors, and recruit endocytic accessory factors. This gene encodes a member of the SNF1 subfamily of Ser/Thr protein kinases. The protein interacts with and phosphorylates a subunit of the AP-2 complex, which promotes binding of AP-2 to sorting signals found in membrane-bound receptors and subsequent receptor endocytosis. Its kinase activity is stimulated by clathrin. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq, Jul 2008], catalytic activity: ATP + a protein = ADP + a phosphoprotein., enzyme regulation: Stimulated by clathrin., function: Phosphorylates the AP2M1/mu2 subunit of the adaptor protein complex 2 (AP-2). May play a role in regulating aspects of clathrin-mediated endocytosis., PTM: Autophosphorylated., similarity: Belongs to the protein kinase superfamily. Ser/Thr protein kinase family., similarity: Contains 1 protein kinase domain., subcellular location: Active when found in clathrin-coated pits at the plasma membrane., subunit: Interacts with alpha-adaptin and AP-2.,

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of lysates from COS7 cells, using AAK1 Antibody. The lane on the right is blocked with the synthesized peptide.



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Western Blot analysis of various cells using AAK1 Polyclonal Antibody

注意事项 (Note)

For research use only .