

产品名称: AK5 Rabbit Polyclonal Antibody
产品货号: APRab06715



产品概述 (Summary)

产品名称 (Production Name)	AK5 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

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)	AK5
别名 (Alternative Names)	AK5; Adenylate kinase isoenzyme 5; AK 5; ATP-AMP transphosphorylase 5
基因 ID (Gene ID)	26289.0
蛋白 ID (SwissProt ID)	Q9Y6K8.The antiserum was produced against synthesized peptide derived from human AK5. AA range:391-440

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	25kDa

研究背景 (Background)

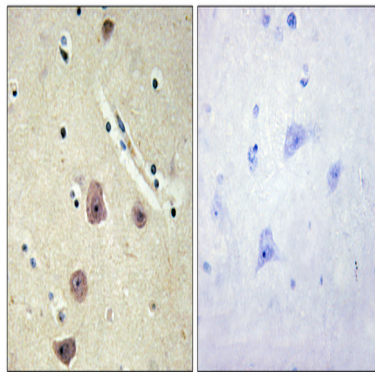
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adenylate kinase 5(AK5) Homo sapiens This gene encodes a member of the adenylate kinase family, which is involved in regulating the adenine nucleotide composition within a cell by catalyzing the reversible transfer of phosphate groups among adenine nucleotides. This member is related to the UMP/CMP kinase of several species. It is located in the cytosol and expressed exclusively in brain. Alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008],catalytic activity:ATP + AMP = 2 ADP.,function:Active on AMP and dAMP with ATP as a donor. When GTP is used as phosphate donor, the enzyme phosphorylates AMP, CMP, and to a small extent dCMP.,similarity:Belongs to the adenylate kinase family.,subunit:Monomer.,tissue specificity:Brain specific.,

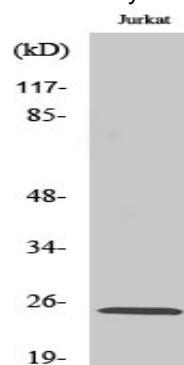
研究领域 (Research Area)

Purine metabolism;

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using AK5 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using AK5 Polyclonal Antibody

注意事项 (Note)

For research use only .