

产品名称: AK6 Rabbit Polyclonal Antibody

产品货号: APRab06716

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	WB,IHC,ICC/IF,ELISA
种属反应(Reactivity)	Human,Mouse,Rat
偶联物(Conjugation)	Unconjugated
修饰(Modification)	Unmodified
同种型(Isotype)	IgG
克隆(Clonality)	Polyclonal
剂型(Form)	Liquid
保存条件(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 (Purification)	Affinity purification

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
分子量(Molecular Weight)	20kDa

抗原信息(Antigen Information)

基因名(Gene Name)	TAF9; AK6; CINAP; AD-004; CGI-137; Adenylate kinase isoenzyme 6; ATP-AMP
别名(Alternative Names)	transphosphorylase 6; Coilin-interacting nuclear ATPase protein; hCINAP
基因 ID(Gene ID)	6880.0
SwissProt ID	Q9Y3D8
免疫原(Immunogen)	The antiserum was produced against synthesized peptide derived from human KAD6. AA range:11-60

研究背景 (Background)

adenylate kinase 6(AK6) Homo sapiens This gene encodes a protein that belongs to the adenylate kinase family of enzymes.

The protein has a nuclear localization and contains Walker A (P-loop) and Walker B motifs and a metal-coordinating residue. The protein may be involved in regulation of Cajal body formation. In human, AK6 and TAF9 (GeneID: 6880) are two distinct genes that share 5' exons. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013],regulation of cell growth,chromatin organization,transcription,transcription, DNA-dependent,transcription initiation,RNA elongation,regulation of transcription, DNA-dependent,regulation of transcription from RNA polymerase II promoter,transcription from RNA polymerase II promoter,transcription initiation from RNA polymerase II promoter,RNA elongation from RNA polymerase II promoter,protein complex assembly,protein amino acid acetylation,regulation of cell size,positive regulation of biosynthetic process,regulation of catabolic process,negative regulation of catabolic process,response to organic substance,regulation of specific transcription from RNA polymerase II promoter,positive regulation of specific transcription from RNA polymerase II promoter,positive regulation of macromolecule biosynthetic process,positive regulation of macromolecule metabolic process,negative regulation of macromolecule metabolic process,positive regulation of gene expression,regulation of cell death,chromatin modification,covalent chromatin modification,histone modification,histone acetylation,regulation of proteolysis,positive regulation of cell growth,positive regulation of cellular biosynthetic process,regulation of cellular catabolic process,negative regulation of cellular catabolic process,regulation of cellular protein metabolic process,negative regulation of cellular protein metabolic process,regulation of proteasomal ubiquitin-dependent protein catabolic process,negative regulation of proteasomal ubiquitin-dependent protein catabolic process,regulation of cellular component size,regulation of gene-specific transcription,RNA biosynthetic process,response to cytokine stimulus,cellular response to DNA damage stimulus,regulation of growth,regulation of protein catabolic process,negative regulation of protein catabolic process,regulation of apoptosis,negative regulation of apoptosis,regulation of programmed cell death,negative regulation of programmed cell death,positive regulation of gene-specific transcription,protein amino acid acylation,macromolecular complex subunit organization,histone H3 acetylation,regulation of transcription,positive regulation of cell size,negative regulation of proteolysis,positive regulation of transcription, DNA-dependent,positive regulation of growth,positive regulation of nucleobase, nucleoside, nucleotide and nucleic acid metabolic process,positive regulation of transcription,positive regulation of transcription from RNA polymerase II promoter,positive regulation of response to stimulus,positive regulation of nitrogen compound metabolic process,negative regulation of protein metabolic process,regulation of RNA metabolic process,positive regulation of RNA metabolic process,chromosome organization,negative regulation of cell death,regulation of response to cytokine stimulus,positive regulation of response to cytokine stimulus,macromolecular complex assembly,protein complex biogenesis,response to interleukin-1,

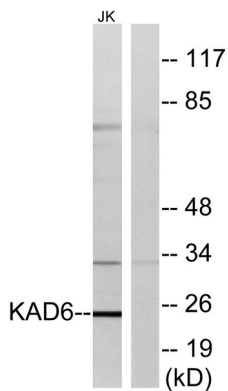
研究领域 (Research Area)

Basal transcription factors;

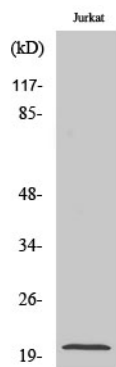
注意事项 (Note)

For research use only.

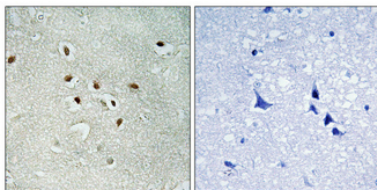
图片 (Image Data)



Western blot analysis of lysates from Jurkat cells, using KAD6 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using AK6 Polyclonal Antibody



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4°, overnight). High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.

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产品类别	产品货号	产品名称
WB 解决方案	RA10020	2h 极速 WB 即用型全流程试剂盒
	RA10021	4h 快速 WB 即用型全流程试剂盒
	RA10042	5h 畅享版 WB 全流程试剂盒
	RA10037	校准级彩色预染蛋白 Marker (8-180kDa)
	RA10038	校准级彩色预染蛋白 Marker (10-250kDa)
	RA10039	校准级高分子彩色预染蛋白 Marker (25-400kDa)
TSA 多重荧光染色试剂盒	RA10008	TSA 双标三色多重荧光染色试剂盒 (mIHC)
	RA10009	TSA 三标四色多重荧光染色试剂盒 (mIHC)
	RA10010	TSA 四标五色多重荧光染色试剂盒 (mIHC)
	RA10011	TSA 五标六色多重荧光染色试剂盒 (mIHC)
	RA10012	TSA 六标七色多重荧光染色试剂盒 (mIHC)
IHC 检测试剂盒	RA10006	HRP Anti-Mouse/Rabbit IHC Detection System
	RA10007	Polymer-HRP Anti-Mouse/Rabbit IHC Detection System
抗体标记试剂盒	RE80004p	辣根过氧化物酶(HRP)抗体标记试剂盒
	RE80002q	Sulfo-NHS-生物素标记试剂盒
	RE80007p	Cy3 荧光素标记试剂盒
	RE80011p	Fluor488 荧光素标记试剂盒
	RE80017p	Fluor750 荧光素标记试剂盒
	RE80005p	藻红蛋白(R-PE) 抗体快速标记试剂盒
	RE80040	PE-Cy7 串联染料抗体快速标记试剂盒
稳转细胞系构建服务 (免费赠送全膜 WB 验证)	TS-0001	过表达稳转细胞系构建
	TS-0002	敲低稳转细胞系构建
	TS-0003	敲除细胞系构建

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