

AK6 Rabbit pAb

CatalogNo: YT0158

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 20kD (Observed)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:100-1:300

IF 1:200-1:1000

ELISA 1:20000

Not yet tested in other applications.

| Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality Polyclonal

| Immunogen Information

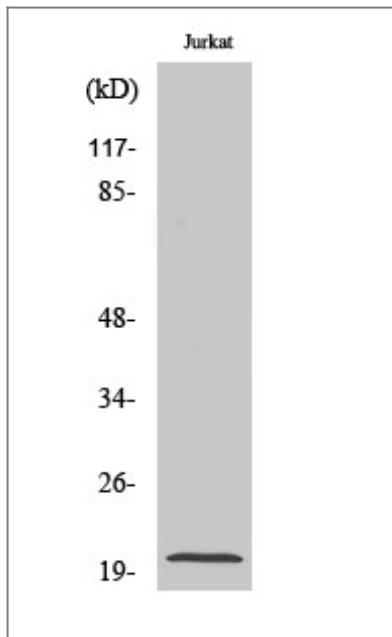
Immunogen The antiserum was produced against synthesized peptide derived from human KAD6. AA range: 11-60

Specificity AK6 Polyclonal Antibody detects endogenous levels of AK6 protein.

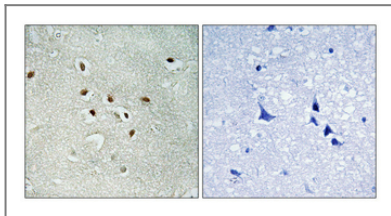
| Target Information

Protein Name	Adenylate kinase isoenzyme 6		
	Organism	Gene ID	UniProt ID
	Human	6880 ;	Q9Y3D8 ;
	Mouse	108143 ;	Q8VCP8 ;
	Rat	373541 ;	Q5EB68 ;
Cellular Localization	Nucleus, nucleoplasm. Nucleus, Cajal body. Displays widespread diffuse nucleoplasmic distribution but not detected in nucleoli. Detected in Cajal bodies but not in all cells.		
Tissue specificity	Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney, pancreas, chorionic villi and the central nervous system.		
Function	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,		

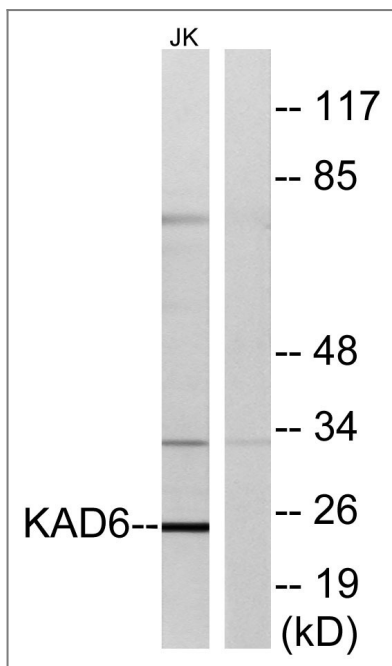
Validation Data



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,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



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

Contact information

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Please scan the QR code
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AK6 Rabbit pAb

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