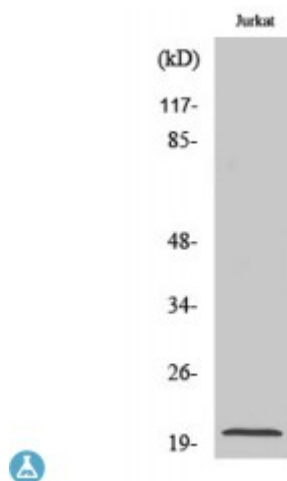


Anti-AK6 antibody



Description	Rabbit polyclonal to AK6.
Model	STJ91523
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human AK6
Immunogen Region	30-110 aa, N-terminal
Gene ID	102157402
Gene Symbol	AK6
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:20000
Specificity	AK6 Polyclonal Antibody detects endogenous levels of AK6 protein.
Tissue Specificity	Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney, pancreas, chorionic villi and the central nervous system.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Adenylate kinase isoenzyme 6 AK6 Adrenal gland protein AD-004 Coilin-interacting nuclear ATPase protein hCINAP Dual activity adenylate kinase/ATPase AK/ATPase
Molecular Weight	20 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:49151 OMIM:NA
Alternative Names	Adenylate kinase isoenzyme 6 AK6 Adrenal gland protein AD-004 Coilin-interacting nuclear ATPase protein hCINAP Dual activity adenylate kinase/ATPase AK/ATPase
Function	Broad-specificity nucleoside monophosphate (NMP) kinase that catalyzes the reversible transfer of the terminal phosphate group between nucleoside triphosphates and monophosphates. AMP and dAMP are the preferred substrates, but CMP and dCMP are also good substrates. IMP is phosphorylated to a much lesser extent. All nucleoside triphosphates ATP, GTP, UTP, CTP, dATP, dCTP, dGTP, and TTP are accepted as phosphate donors. CTP is the best phosphate donor, followed by UTP, ATP, GTP and dCTP. May have a role in nuclear energy homeostasis. Has also ATPase activity. May be involved in regulation of Cajal body (CB) formation.
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.