

AK4 Antibody (Center)

Catalog_no :	AB2894
Reactivity :	H, M
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN
Specificity :	This AK4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 119-153 amino acids from the Central region of human AK4.
Dilution :	IF,1:25;IHC-P,1:25;IHC-P,1:25;IHC-P,1:25;
Other_name :	Adenylate kinase 4, mitochondrial {ECO:0000255 HAMAP-Rule:MF_03170}, AK 4 {ECO:0000255 HAMAP-Rule:MF_03170}, 27410 {ECO:0000255 HAMAP-Rule:MF_03170}, 2746 {ECO:0000255 HAMAP-Rule:MF_03170}, Adenylate kinase 3-like {ECO:0000255 HAMAP-Rule:MF_03170}, GTP:AMP phosphotransferase AK4 {ECO:0000255 HAMAP-Rule:MF_03170}, AK4 {ECO:0000255 HAMAP-Rule:MF_03170}
Isotype :	Rabbit Ig
Background :	Involved in maintaining the homeostasis of cellular nucleotides by catalyzing the interconversion of nucleoside phosphates. Efficiently phosphorylates AMP and dAMP using ATP as phosphate donor, but phosphorylates only AMP when using GTP as phosphate donor. Also displays broad nucleoside diphosphate kinase activity.
reference :	Xu G.,et al.Genomics 13:537-542(1992). Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases. Ota T.,et al.Nat. Genet. 36:40-45(2004). Gregory S.G.,et al.Nature 441:315-321(2006). Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/Gen