

AK2 Antibody (N-term)

Catalog_no :	AB2576
Reactivity :	H, M
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:1-30
Specificity :	This AK2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human AK2.
Dilution :	WB,1:1000;WB,1:1000;IHC-P,1:50~100;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Other_name :	Adenylate kinase 2, mitochondrial {ECO:0000255 HAMAP-Rule:MF_03168}, AK 2 {ECO:0000255 HAMAP-Rule:MF_03168}, 2743 {ECO:0000255 HAMAP-Rule:MF_03168}, ATP-AMP transphosphorylase 2 {ECO:0000255 HAMAP-Rule:MF_03168}, ATP:AMP phosphotransferase {ECO:0000255 HAMAP-Rule:MF_03168}, Adenylate monophosphate kinase {ECO:0000255 HAMAP-Rule:MF_03168}, Adenylate kinase 2, mitochondrial, N-terminally processed {ECO:0000255 HAMAP-Rule:MF_03168}, AK2 {ECO:0000255 HAMAP-Rule:MF_03168}, ADK2
Isotype :	Rabbit Ig
Background :	Adenylate kinases are involved in regulating the adenine nucleotide composition within a cell by catalyzing the reversible transfer of phosphate groups among adenine nucleotides. Five isozymes of adenylate kinase have been identified in vertebrates. Expression of these isozymes is tissue-specific and developmentally regulated. Isozyme 2 is localized in the mitochondrial intermembrane space and may play a role in apoptosis.
reference :	Noma, T., et al., Biochim. Biophys. Acta 1395(1):34-39 (1998). Lee, Y., et al., J. Biochem. 123(1):47-54 (1998). Lee, Y., et al., Biochem. Mol. Biol. Int. 39(4):833-842 (1996). Bruns, G.A., et al., Biochem. Genet. 15 (5-6), 477-486 (1977).