

AK7 Antibody (C-term)

Catalog_no :	AB2469
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:629-656
Specificity :	This AK7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 629-656 amino acids from the C-terminal region of human AK7.
Dilution :	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 prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Other_name :	Adenylate kinase 7, AK 7, ATP-AMP transphosphorylase 7, AK7
Isotype :	Rabbit Ig
Background :	The adenylate kinases (AK) are a family of structurally and functionally related enzymes that catalyze a similar reaction, $MgNTP + AMP = MgNDP + ADP$ (N = A or G). The AK enzymes are important for maintenance of homeostasis of the adenine and guanine nucleotide pools. AK1 is a cytosolic enzyme for which ATP is the substrate. AK2 catalyzes the same reaction as AK1, but it is localized in the mitochondrial intermembrane space. AK3 is present in the mitochondrial matrix and prefers GTP over ATP as the substrate.
reference :	Ota, T., et al., Nat. Genet. 36(1):40-45 (2004).