

anti- AK1 antibody

Product Information

Catalog No.:	FNab00243
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

This gene encodes an adenylate kinase enzyme involved in energy metabolism and homeostasis of cellular adenine nucleotide ratios in different intracellular compartments. This gene is highly expressed in skeletal muscle, brain and erythrocytes. Certain mutations in this gene resulting in a functionally inadequate enzyme are associated with a rare genetic disorder causing nonspherocytic hemolytic anemia. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms.

Immunogen information

Immunogen:	adenylate kinase 1
Synonyms:	Adenylate kinase 1, Adenylate kinase isoenzyme 1, AK 1, AK1, ATP AMP transphosphorylase 1, Myokinase
Observed MW:	21 kDa
Uniprot ID :	P00568

Application

Reactivity:	Human, Mouse, Rat
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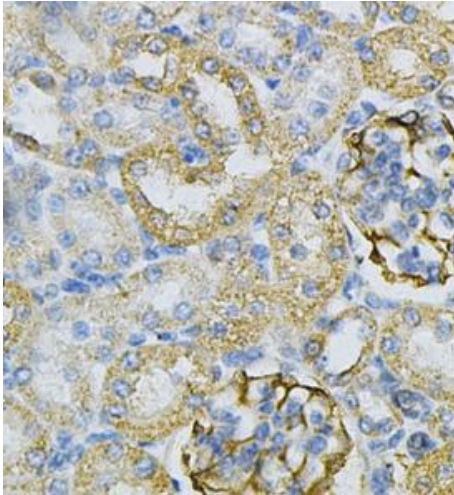
Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

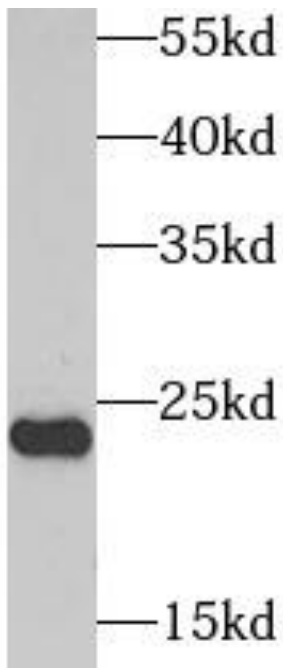
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200; IF: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded rat kidney using FNab00243(AK1 antibody) at dilution of 1:100



human heart tissue were subjected to SDS PAGE followed by western blot with FNab00243(AK1 antibody) at dilution of 1:1000