

## anti- AK2 antibody

### Product Information

Catalog No.:	CAF50014
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

Adenylate kinases are involved in regulating the adenine nucleotide composition within a cell by catalyzing the reversible transfer of phosphate groups among adenine nucleotides. Three isozymes of adenylate kinase, namely 1, 2, and 3, have been identified in vertebrates; this gene encodes isozyme 2. 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. Mutations in this gene are the cause of reticular dysgenesis. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 1 and 2.

### Immunogen information

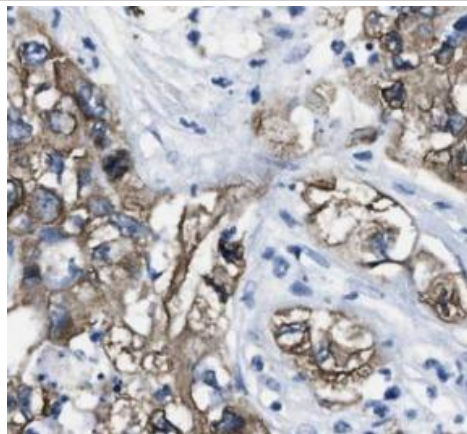
Immunogen:	adenylate kinase 2
Synonyms:	Adenylate kinase 2, ADK2, AK 2, AK2, ATP AMP transphosphorylase 2
Observed MW:	33 kDa
Uniprot ID :	P54819

### Application

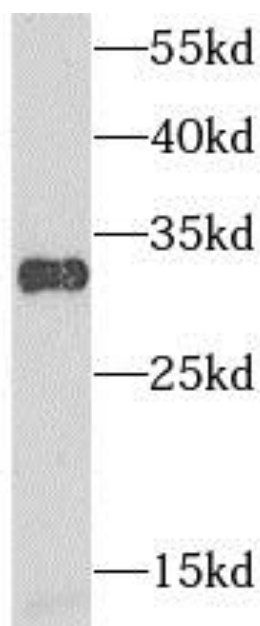
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:500 - 1:2000; IHC: 1:50 - 1:200
Image:	

**This Antibody is for Research Use Only. Not for Diagnostic Procedures.**

This is a sample Antibody manual only. Always refer to the hard copy manual included in the Antibody for your experiment.



Immunohistochemistry of paraffin-embedded human pancreas cancer using CAF50014(AK2 antibody) at dilution of 1:100



HeLa cells were subjected to SDS PAGE followed by western blot with CAF50014(AK2 antibody) at dilution of 1:1000

SAMPLE

**This Antibody is for Research Use Only. Not for Diagnostic Procedures.**

This is a sample Antibody manual only. Always refer to the hard copy manual included in the Antibody for your experiment.