

AK4 Antibody

Catalog No: #32571

Package Size: #32571-1 50ul #32571-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

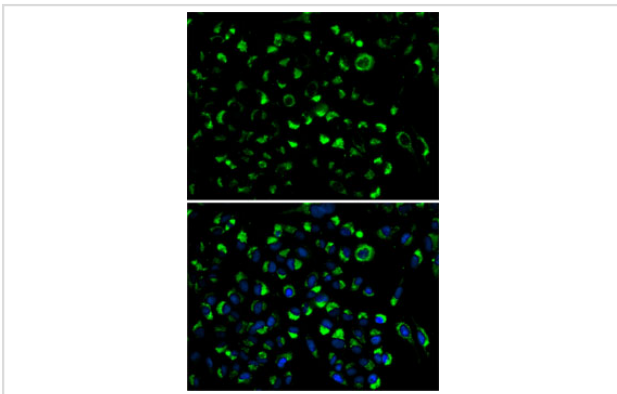
Description

Product Name	AK4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total AK4 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human AK4 (NP_037542.1).
Target Name	AK4
Other Names	AK4;AK 4;AK3;AK3L1;AK3L2
Accession No.	Uniprot:P27144GenelD:205
Uniprot	P27144
GenelD	205
SDS-PAGE MW	27kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

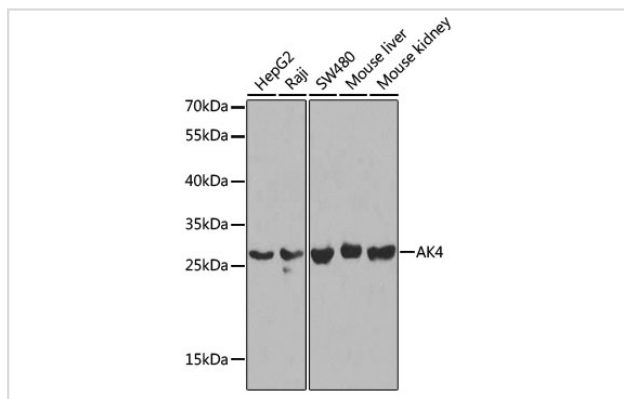
Application Details

WB \square 1:500 - 1:2000 IF \square 1:50 - 1:200

Images



Immunofluorescence analysis of HeLa cells using AK4 antibody.



Western blot analysis of extracts of various cell lines, using AK4 antibody.

Background

This gene encodes a member of the adenylate kinase family of enzymes. The encoded protein is localized to the mitochondrial matrix. Adenylate kinases regulate the adenine and guanine nucleotide compositions within a cell by catalyzing the reversible transfer of phosphate group among these nucleotides. Five isozymes of adenylate kinase have been identified in vertebrates. Expression of these isozymes is tissue-specific and developmentally regulated. A pseudogene for this gene has been located on chromosome 17. Three transcript variants encoding the same protein have been identified for this gene. Sequence alignment suggests that the gene defined by NM_013410, NM_203464, and NM_001005353 is located on chromosome 1.

Note: This product is for in vitro research use only