Datasheet for ABIN1533580

anti-Adenylate Kinase 1 antibody (AA 101-150)

2 Images

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Overview

Quantity:	100 µL
Target:	Adenylate Kinase 1 (AK1)
Binding Specificity:	AA 101-150
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Adenylate Kinase 1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human KAD1 .
Isotype:	IgG
Specificity:	KAD1 Antibody detects endogenous levels of total KAD1 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	Adenylate Kinase 1 (AK1)
Abstract:	AK1 Products
Background:	Synonyms: Adenylate kinase isoenzyme 1, AK 1, ATP-AMP transphosphorylase 1, Myokinase,

Target Details

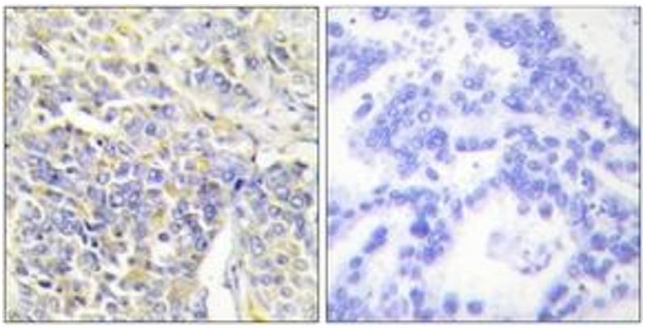
	AK1 NCBI Gene Symbol: AK1
Molecular Weight:	21 kDa
Gene ID:	203
OMIM:	103000
UniProt:	P00568
Pathways:	Nucleotide Phosphorylation, Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:5000
Comment:	Unigene-Number: Hs.175473 (NCBI Gene Symbol: AK1)
Restrictions:	For Research Use only

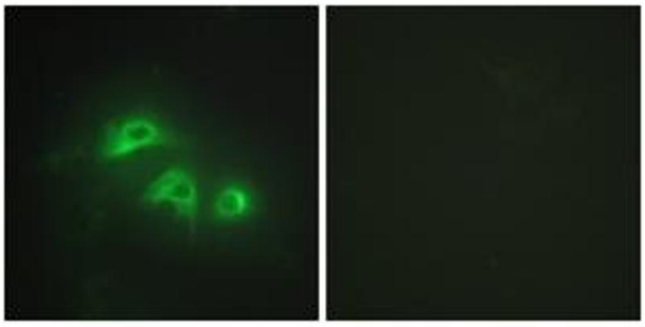
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using KAD1 Antibody . The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of HepG2 cells, using KAD1 Antibody . The picture on the right is treated with the synthesized peptide.