

Datasheet for ABIN1534227

anti-Adenylate Kinase 5 antibody (AA 391-440)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Adenylate Kinase 5 (AK5)
Binding Specificity:	AA 391-440
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Adenylate Kinase 5 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human AK5.
Isotype:	IgG
Specificity:	AK5 Antibody detects endogenous levels of total AK5 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	Adenylate Kinase 5 (AK5)
Alternative Name:	AK5 (AK5 Products)
Background:	Synonyms: Adenylate kinase isoenzyme 5, AK 5, ATP-AMP transphosphorylase 5

Target Details

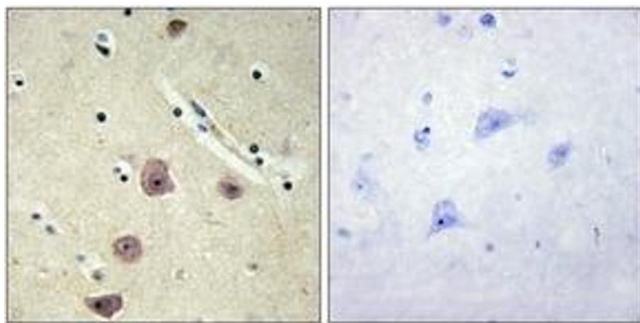
	NCBI Gene Symbol: AK5
Molecular Weight:	22 kDa
Gene ID:	26289
OMIM:	608009
UniProt:	Q9Y6K8
Pathways:	Nucleotide Phosphorylation, Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	IHC: 1:50~1:100 ELISA: 1:5000
Comment:	Unigene-Number: Hs.559718 (NCBI Gene Symbol: AK5)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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 brain tissue, using AK5 Antibody. The picture on the right is treated with the synthesized peptide.