

Datasheet for ABIN545578
anti-ADK antibody (C-Term)[Go to Product page](#)[2 Images](#)[2 Publications](#)

Overview

Quantity:	400 µL
Target:	ADK
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of ADK.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human ADK.
Cross-Reactivity:	Human

Target Details

Target:	ADK
Alternative Name:	Adenosine kinase (AK) (ADK Products)
Gene ID:	132
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	ELISA (1:1000) Western Blot (1:100-500) Immunohistochemistry (1:10-50) The optimal working dilution should be determined by the end user.
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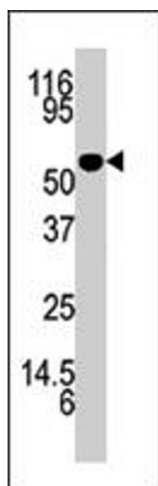
Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	In PBS (0.09 % sodium azide)
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:	4 °C, -20 °C
Storage Comment:	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

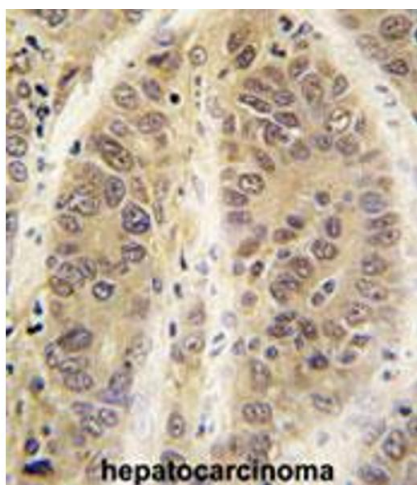
Publications

Product cited in:	Szkotak, Ng, Man, Baldwin, Cass, Young, Duszyk: "Coupling of CFTR-mediated anion secretion to nucleoside transporters and adenosine homeostasis in Calu-3 cells." in: The Journal of membrane biology , Vol. 192, Issue 3, pp. 169-79, (2003) (PubMed).
	Singh, Lin, Wu, Gupta: "Gene structure for adenosine kinase in Chinese hamster and human: high-frequency mutants of CHO cells involve deletions of several introns and exons." in: DNA and cell biology , Vol. 20, Issue 1, pp. 53-65, (2001) (PubMed).



Western Blotting

Image 1. Western blot analysis of ADK polyclonal antibody in mouse liver tissue lysate (35 ug/lane). ADK (arrow) was detected using the purified polyclonal antibody (1 : 60 dilution).



Immunohistochemistry

Image 2. Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with ADK polyclonal antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.