

Datasheet for ABIN7299040
anti-ADK antibody (N-Term)



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Overview

Quantity:	100 µL
Target:	ADK
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADK antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Adenosine Kinase.
Specificity:	Recognizes endogenous levels of Adenosine Kinase protein.
Characteristics:	Rabbit polyclonal antibody to Adenosine Kinase
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	ADK
Alternative Name:	Adenosine Kinase (ADK Products)
Background:	Adenosine kinase, AK, Adenosine 5'-phosphotransferase

Target Details

Gene ID:	132, 11534, 25368
UniProt:	P55263 , P55264 , Q64640
Pathways:	Ribonucleoside Biosynthetic Process

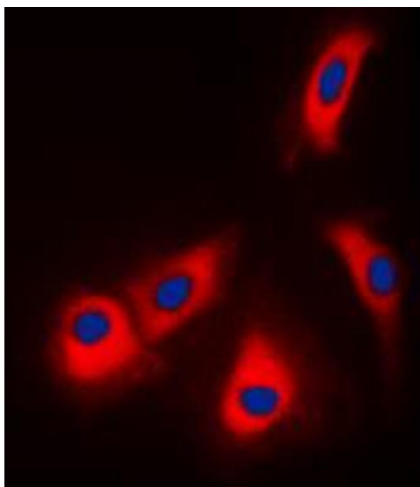
Application Details

Application Notes:	WB (1:500 - 1:1000), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % 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:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

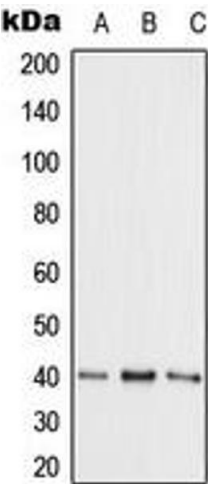
Images



Immunofluorescence

Image 1. Immunofluorescent analysis of Adenosine Kinase staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI

was used to stain the cell nuclei (blue).



Western Blotting

Image 2. Western blot analysis of Adenosine Kinase expression in HepG2 (A), NIH3T3 (B), PC12 (C) whole cell lysates.