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Datasheet for ABIN7265462
anti-ADK antibody (AA 200-345)

7 Images

Overview

Quantity:	100 µL
Target:	ADK
Binding Specificity:	AA 200-345
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADK antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	ADK Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 200-345 of human ADK (NP_001114.2).
Sequence:	PFISQFYKES LMKVMPYVDI LFGNETEAAT FAREQGFETK DIKEIAKKTQ ALPKMNSKRQ RIVIFTQGRD DTIMATESEV TAFAVLDQDQ KEIIDTNGAG DAFVGGFLSQ LVSDKPLTEC IRAGHYAASI IIRRTGCTFP EKPDPFH
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

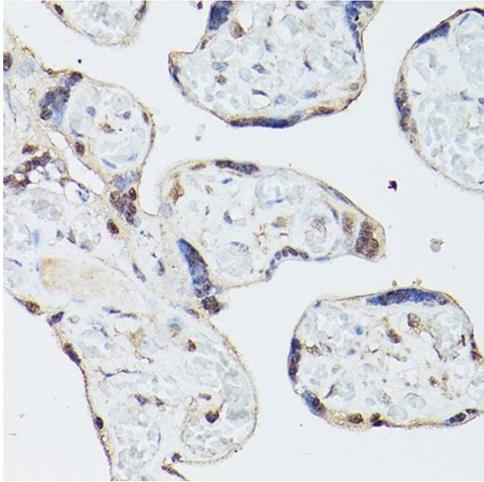
Target:	ADK
Alternative Name:	ADK (ADK Products)
Background:	This gene an enzyme which catalyzes the transfer of the gamma-phosphate from ATP to adenosine, thereby serving as a regulator of concentrations of both extracellular adenosine and intracellular adenine nucleotides. Adenosine has widespread effects on the cardiovascular, nervous, respiratory, and immune systems and inhibitors of the enzyme could play an important pharmacological role in increasing intravascular adenosine concentrations and acting as anti-inflammatory agents. Multiple transcript variants encoding different isoforms have been found for this gene.,ADK,AK,Epigenetics & Nuclear Signaling,RNA Binding,Cancer,Signal Transduction,Endocrine & Metabolism,ADK
Molecular Weight:	34kDa/36kDa/38kDa/40kDa
Gene ID:	132
UniProt:	P55263
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

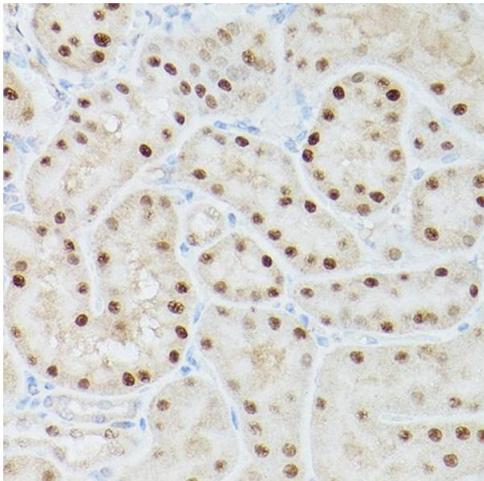
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	Store at -20°C. Avoid freeze / thaw cycles.



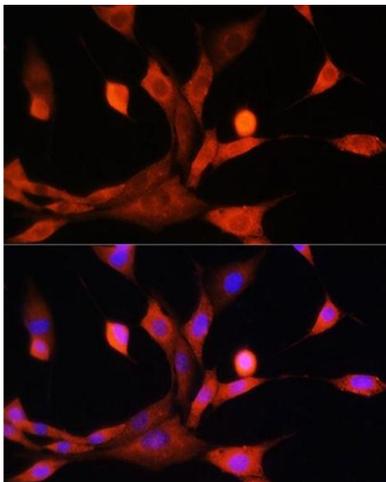
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human placenta using ADK Rabbit pAb at dilution of 1:350 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded rat kidney using ADK Rabbit pAb at dilution of 1:350 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunofluorescence

Image 3. Immunofluorescence analysis of NIH/3T3 cells using ADK Rabbit pAb at dilution of 1:100. Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7265462.