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Datasheet for ABIN392737

anti-Adenylate Kinase 3 antibody (N-Term)



Image



Go to Product page

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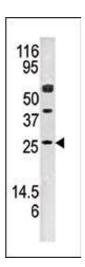
Alternative Name:

Overview		
Quantity:	400 μL	
Target:	Adenylate Kinase 3 (AK3)	
Binding Specificity:	AA 23-53, N-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Adenylate Kinase 3 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	This AK3 antibody is generated from rabbits immunized with a KLH conjugated synthetic	
	peptide between 23-53 amino acids from the N-terminal region of human AK3.	
Clone:	RB5365	
Isotype:	lg Fraction	
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by	
	dialysis against PBS.	
Target Details		
Target:	Adenylate Kinase 3 (AK3)	

AK3 (AK3 Products)

Target Details

Background:	AK3 is a member of the adenylate kinase family of enzymes. This protein is localized to the mitochondrial matrix. Adenylate kinases regulate the adenine and guanine nucleotide compositions within a cell by catalyzing the reversible transfer of phosphate group among these nucleotides. Five isozymes of adenylate kinase have been identified in vertebrates. Expression of these isozymes is tissue-specific and developmentally regulated.	
Molecular Weight:	25268	
Gene ID:	205	
NCBI Accession:	NP_001005353, NP_037542, NP_982289	
UniProt:	P27144	
Pathways:	Nucleotide Phosphorylation, Ribonucleoside Biosynthetic Process	
Application Details		
Application Notes:	WB: 1:1000	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	



Western Blotting

Image 1. Western blot analysis of anti-AK3 Pab (ABIN392737 and ABIN2842197) in mouse kidney tissue lysate (35 µg/lane). AK3(arrow) was detected using the purified Pab.