antibodies

Datasheet for ABIN6754901 anti-Adenylate Kinase 1 antibody (AA 108-157)





Overview

Quantity:	100 µL
Target:	Adenylate Kinase 1 (AK1)
Binding Specificity:	AA 108-157
Reactivity:	Human, Mouse, Rat, Rabbit, Pig, Dog, Cow, Guinea Pig, Sheep, Monkey, Bat, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Adenylate Kinase 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p))

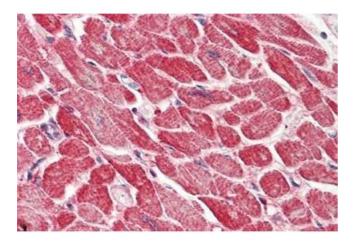
Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa108-157 of human AK1 (P00568, NP_000467). Percent
	identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey,
	Marmoset, Mouse, Rat, Sheep, Elephant, Panda, Dog, Bovine, Bat, Rabbit, Pig, Opossum, Guinea
	pig, Chicken, Platypus (100%), Horse, Xenopus, Salmon, Smelt, Stickleback (92%), Galago,
	Catfish, Blood fluke (85%).
	Type of Immunogen: Synthetic peptide
Specificity:	Human AK1
Purification:	Immunoaffinity purified

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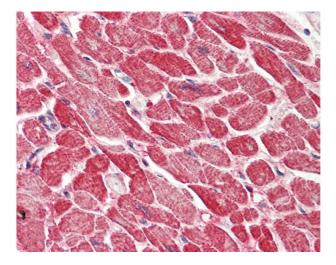
Target Details	
Target:	Adenylate Kinase 1 (AK1)
Alternative Name:	AK1 / Adenylate Kinase 1 (AK1 Products)
Background:	Name/Gene ID: AK1
	Family: Non-protein Kinase
	Synonyms: AK1, Adenylate kinase isoenzyme 1, Adenylate kinase 1, AK 1, ATP-AMP
	transphosphorylase 1, Myokinase
Gene ID:	203
NCBI Accession:	NP_000467
Pathways:	Nucleotide Phosphorylation, Ribonucleoside Biosynthetic Process
Application Details	
Application Notes:	Approved: IHC, IHC-P (5 μg/mL), WB (0.2 - 1 μg/mL)
	Usage: Western Blot: Suggested dilution at 1 μ g/mL in 5 % skim milk / PBS buffer, and HRP
	conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long
	term use (up to 1 year)
	Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

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Immunohistochemistry

Image 1. Human Heart: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry

Image 2. Anti-AK1 / Adenylate Kinase 1 antibody IHC staining of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form ...

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