antibodies - online.com







anti-Adenylate Kinase 1 antibody (AA 1-193)



Image



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Overview	
Quantity:	200 μL
Target:	Adenylate Kinase 1 (AK1)
Binding Specificity:	AA 1-193
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Adenylate Kinase 1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	This AK1 antibody is generated from a mouse immunized with a recombinant protein between
	1-193 amino acids from human AK1.
Clone:	1108CT2-4-1
Isotype:	IgG1 kappa
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.
Target Details	
Target:	Adenylate Kinase 1 (AK1)
Alternative Name:	AK1 (AK1 Products)
Background:	Catalyzes the reversible transfer of the terminal phosphate group between ATP and AMP. Also

Target Details

	displays broad nucleoside diphosphate kinase activity. Plays an important role in cellular energy homeostasis and in adenine nucleotide metabolism.
Molecular Weight:	21635
UniProt:	P00568
Pathways:	Nucleotide Phosphorylation, Ribonucleoside Biosynthetic Process

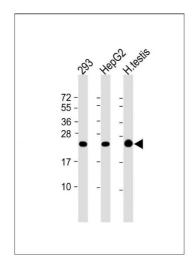
Application Details

Application Notes:	WB: 1:4000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) 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
Expiry Date:	6 months

Images



Western Blotting

Image 1. All lanes: Anti-AK1 Antibody (C-term) at 1:4000 dilution Lane 1: 293 whole cell lysate Lane 2: HepG2 whole cell lysate Lane 3: Human testis lysate Lysates/proteins at 20 μg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 22 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.