

## Datasheet for ABIN7111347 **anti-Adenylate Kinase 5 antibody**

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### Overview

Quantity:	100 µg
Target:	Adenylate Kinase 5 (AK5)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Adenylate Kinase 5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	adenylate kinase 5
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	Adenylate Kinase 5 (AK5)
Alternative Name:	AK5 ( <a href="#">AK5 Products</a> )
Background:	Synonyms: Adenylate kinase isoenzyme 5, ATP-AMP transphosphorylase 5 Background: Nucleoside monophosphate (NMP) kinase that catalyzes the reversible transfer of the terminal phosphate group between nucleoside triphosphates and monophosphates. Active on AMP and dAMP with ATP as a donor. When GTP is used as phosphate donor, the enzyme

### Target Details

	phosphorylates AMP, CMP, and to a small extent dCMP. Also displays broad nucleoside diphosphate kinase activity.
Molecular Weight:	63 kDa
Gene ID:	26289
UniProt:	<a href="#">Q9Y6K8</a>
Pathways:	<a href="#">Nucleotide Phosphorylation</a> , <a href="#">Ribonucleoside Biosynthetic Process</a>

### Application Details

Application Notes:	WB: 1:1000-1:10000
Restrictions:	For Research Use only

### Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 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:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months