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## Datasheet for ABIN7384200 anti-AMPD1 antibody

### Overview

Quantity:	60 µL
Target:	AMPD1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AMPD1 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Recombinant fusion protein of human AMPD1 (NP_001166097.1).
Isotype:	IgG
Purification:	Affinity purification

### Target Details

Target:	AMPD1
Alternative Name:	AMPD1 ( <a href="#">AMPD1 Products</a> )
Background:	AMPD1,MAD,MADA,MMDD,Adenosine monophosphate deaminase 1 catalyzes the deamination of AMP to IMP in skeletal muscle and plays an important role in the purine nucleotide cycle. Two other genes have been identified, AMPD2 and AMPD3, for the liver- and erythrocyte-specific isoforms, respectively. Deficiency of the muscle-specific enzyme is apparently a common cause of exercise-induced myopathy and probably the most common

## Target Details

	cause of metabolic myopathy in the human. Alternatively spliced transcript variants encoding different isoforms have been identified in this gene.
Molecular Weight:	Observed_MW: 80 kDa Calculated_MW: 89 kDa/90 kDa
Gene ID:	270
UniProt:	<a href="#">P23109</a>

## Application Details

Application Notes:	WB 1:500-1:2000
Restrictions:	For Research Use only

## Handling

Concentration:	1 mg/mL
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.