

## AMPD1

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:100

**Calculated MW:**90kDa

**Observed MW:**Refer to figures

**Immunogen:**

A synthetic peptide of human AMPD1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

MAD; MADA; MMDD;

**Background:**

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 cause of metabolic myopathy in the human.

Alternatively spliced transcript variants encoding different isoforms have been identified in this gene.

**To place an order, please [Click HERE](#).**

**Catalog #:**A7876

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**270

**Isotype:**IgG

**Swiss Prot:**P23109

**Purity:**Affinity purification

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