

AMPD1 Rabbit Polyclonal Antibody



CAB3584

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

80kDa

Calculated MW:

89kDa/90kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

270

Uniprot

P23109

Synonyms:

AMPD1; MAD; MADA; MMDD

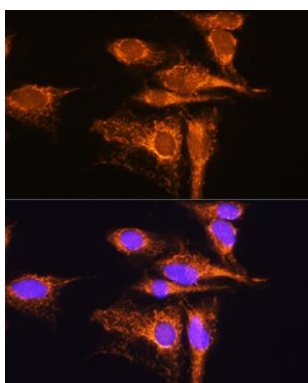
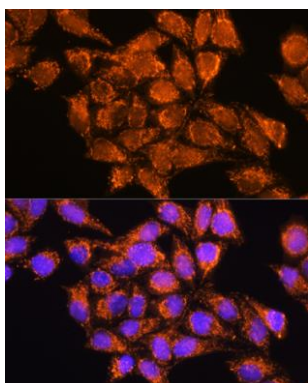
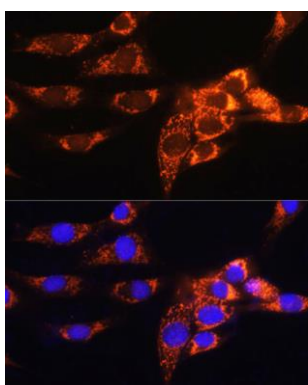
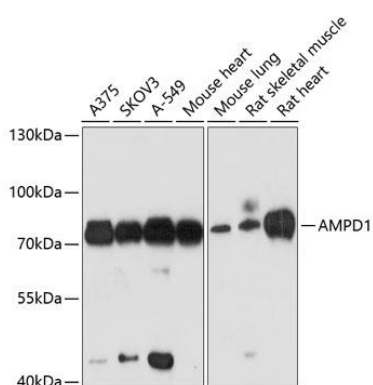
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 50-260 of human AMPD1 (NP_001166097.1).

Storage:

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

Product Images



Western blot analysis of extracts of various cell lines, using AMPD1 antibody (CAB3584) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.

Immunofluorescence analysis of NIH/3T3 cells using AMPD1 Rabbit pAb (CAB3584) at dilution of 1:100. Blue: DAPI for nuclear staining.

Immunofluorescence analysis of HeLa cells using AMPD1 Rabbit pAb (CAB3584) at dilution of 1:100. Blue: DAPI for nuclear staining.

Immunofluorescence analysis of C6 cells using AMPD1 Rabbit pAb (CAB3584) at dilution of 1:100. Blue: DAPI for nuclear staining.