

Manufacturer/Supplier:

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Product name: Mouse anti-AMPK alpha 1 Antibody

Catalog: DL95448A

Synonyms: AMPK1; 5'-AMP-activated protein kinase catalytic subunit alpha-1; AMPK subunit alpha-1; Acetyl-CoA carboxylase kinase; ACACA kinase; Hydroxymethylglutaryl-CoA reductase kinase; HMGCR kinase; Tau-protein kinase PRKAA1

Immunogen: KLH-conjugated synthetic peptide encompassing a sequence of human AMPK alpha 1. The exact sequence is proprietary.

Form: Liquid

Concentration: 1mg/mL

Size: 100 ul/50 ul

Host: Mouse

Reactivity: Human, Mouse, Rat

Application: WB, IHC

Clonality: Monoclonal

Dilution: WB (1/1000 - 1/2000),
IHC (1/100 - 1/200)

Entrez Gene: 5562

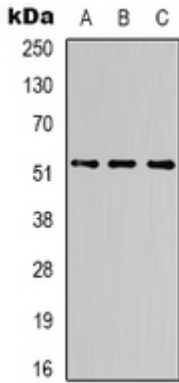
SwissProt: Q13131

Purification:

Buffer: Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

WB description:

Western blot analysis of AMPK alpha 1 expression in HeLa (A), 293T (B), NIH3T3 (C), PC12 (D) whole cell lysates.



IHC description:

Immunohistochemical analysis of AMPK alpha 1 staining in mouse colon formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Storage:

Store at -20°C. Avoid repeated freeze / thaw cycles.