

PHOSPHO-AMPK ALPHA 1 (SER496) RABBIT MAB

Cat.#: N263149

Product Name: Anti-Phospho-AMPK alpha 1 (Ser496) Rabbit Monoclonal Antibody

Synonyms: PRKAA1; 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

UNIPROT ID: Q13131

Background: AMPKA1 a protein kinase of the CAMKL family that plays a central role in regulating cellular and organismal energy balance in response to the balance between AMP/ATP, and intracellular Ca(2+) levels.

Immunogen: A synthetic phosphopeptide corresponding to residues surrounding Ser496 of human AMPK alpha 1

Applications: WB, ICC/IF, IP

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R01-3B7

MW: Calculated MW: 64 kDa; Observed MW: 64 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human

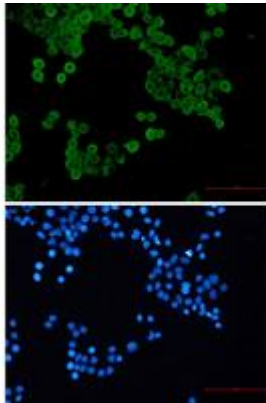
Conjugation: Unconjugated

Modification: Phosphorylated

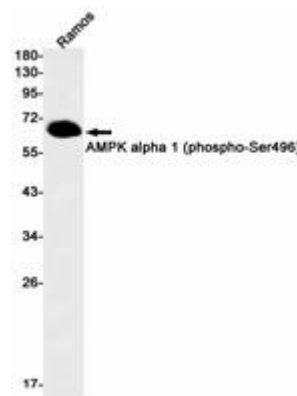
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Epigenetics, Histone phosphorylation

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunocytochemistry analysis of AMPK alpha 1 (Phospho-Ser496) (green) in HeLa using AMPK alpha 1 (Phospho-Ser496) antibody, and DAPI (blue)



Western blot analysis of AMPK alpha 1 (Phospho-Ser496) in Ramos lysates using Phospho-AMPK alpha 1 (Ser496) antibody.