

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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

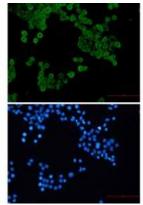
Research Areas: EpigeneticsyyyyyHistone phosphorylation

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

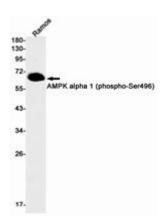


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Immunocytochemistry analysis of AMPK alpha 1 (Phospho-Ser496) (green) in hela using AMPK alpha 1 (Phospho-Ser496) antibody,and DAPI(blue)



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