

Phospho-AMPK alpha 1 (Ser496) Recombinant Rabbit mAb

Catalog: BS43048

Host: Rabbit

Reactivity: Human

BackGround:

The protein encoded by this gene belongs to the ser/thr protein kinase family. It is the catalytic subunit of the 5'-prime-AMP-activated protein kinase (AMPK). AMPK is a cellular energy sensor conserved in all eukaryotic cells. The kinase activity of AMPK is activated by the stimuli that increase the cellular AMP/ATP ratio. AMPK regulates the activities of a number of key metabolic enzymes through phosphorylation. It protects cells from stresses that cause ATP depletion by switching off ATP-consuming biosynthetic pathways. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008]

Product:

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

Molecular Weight:

64 kDa

Swiss-Prot:

Q13131

Purification&Purity:

Affinity Purification

Applications:

WB: 1:10001:50
IP: 1:20

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:



Western blot detection of AMPK alpha 1 (phospho-Ser496) in Ramos cell lysates using AMPK alpha 1 (phospho-Ser496) antibody(1:1000 diluted).

Note:

For research use only, not for use in diagnostic procedure.

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