PRKAA2

Reactivity: Human Mouse

Tested applications:WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW:62kDa

Observed MW:Refer to Figures

Immunogen:

A synthetic peptide of human PRKAA2

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

cfh

Synonym:

AMPK; AMPK2; PRKAA

Monoclonal Antibody

Species: Mouse

Gene ID:5563 Isotype:IgG

Swiss Prot:P54646

Purity: Affinity purification

For research use only.

Background:

PRKAA2(protein kinase, AMP-activated, alpha 2 catalytic subunit), also named as AMPKA2, AMPK, PRKAA, AMPK2, belonogs to the CAMK Ser/Thr protein kinase family and SNF1 subfamily. PRKAA2 is an heterotrimer that is activated by low cellular energy status, such as decreases in both the ATP/AMP ratio and the phosphocreatine content and it is a glycogen synthase kinase, phosphorylating Ser7 at the NH2 terminus, which decreases glycogen synthase activity(PMID:14532170). The protein can be ubiquitinated(PMID:21224036). This antibody is specific to PRKAA2.

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