

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

Catalog #: A0792

Antibody Type:

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, belongs to the CAMK Ser/Thr protein kinase family and SNF1 subfamily. PRKAA2 is a 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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