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Research Use Only. Not for diagnostic or therapeutic use.

EB10269 - Goat Anti-PRKAA2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 5'-AMP-activated protein kinase, catalytic alpha-2 chain,

AMP-activated protein kinase alpha 2 catalytic subunit, AMPK, AMPK2, AMPK-alpha-2 chain, PRKAA, protein kinase, AMP-activated, alpha 2 catalytic subunit, PRKAA2

Official Symbol: PRKAA2

Accession Number(s): NP_006243.2

Human GeneID(s): 5563

Non-Human GenelD(s): 108079 (mouse), 78975 (rat)

Immunogen

Peptide with sequence CPLDALNTTKP, from the internal region of the protein sequence according to NP_006243.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 65kDa band observed in Human Heart and Liver lysates and in Mouse and Rat Heart lysates (calculated MW of 62.3kDa according to NP_006243.2).

Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

Species Reactivity

Tested: Human, Mouse, Rat

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



EB10269 (1µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB10269 (0.3µg/ml) staining of Mouse (A) and Rat (B) Heart lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.