



## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB10269-B - Goat Anti-PRKAA2, Biotinylated 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 GeneID(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 Liver lysates (calculated MW of 62.3kDa according to NP\_006243.2). Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

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



Biotinylated EB10269 (1ug/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.