



## International Office

### Everest Biotech Ltd

Vector Laboratories, Inc.  
6737 Mowry Ave  
Newark, CA 94560  
United States

Customer Service:

[customerservice@vectorlabs.com](mailto:customerservice@vectorlabs.com)

Technical Service:

[technical@vectorlabs.com](mailto:technical@vectorlabs.com)

Tel: +1 (800) 227-6666

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

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

## EB07747 - Goat Anti-PRKAB1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PRKAB1, protein kinase, AMP-activated, beta 1 non-catalytic subunit, AMPK, HAMPKb, MGC17785, 5\1-AMP-activated protein kinase beta-1 subunit, AMP-activated protein kinase beta 1 non-catalytic subunit, AMP-activated protein kinase beta subunit, AMPK beta -1 chain, AMPK beta 1, protein kinase, AMP-activated, noncatalytic, beta-1

**Official Symbol:** PRKAB1

**Accession Number(s):** NP\_006244.2

**Human GeneID(s):** [5564](#)

**Non-Human GeneID(s):** 19079 (mouse), 83803 (rat)

**Important Comments:** This antibody is not expected to cross-react with PRKAB2.

### Immunogen

Peptide with sequence C-QHDLEANDKAPAQ, from the internal region of the protein sequence according to NP\_006244.2.

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 1:64000.

**Western blot:** Western Blot: Approx 28kDa band observed in Human Liver lysates (calculated MW of 30.3kDa according to NP\_114075.1). Recommended concentration: 0.1-0.3µg/ml.

### Species Reactivity

**Tested:** Human

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