

International Office

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**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