

International Office

Everest Biotech Ltd

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

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB07132 - Goat Anti-BARK1 / GRK2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: BARK1, GRK2, ADRBK1, adrenergic, beta, receptor kinase 1,

BETA-ARK1, beta adrenergic receptor kinase 1

Official Symbol: GRK2

Accession Number(s): NP_001610.2

Human GeneID(s): 156

Non-Human GenelD(s): 110355 (mouse)

Immunogen

Peptide with sequence C-RDAYREAQQLVQR, from the internal region of the protein sequence according to NP_001610.2.

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 80kDa band observed in Daudi cell lysates (calculated MW of 79.7kDa according to NP_001610.1). An additional band of unknown identity was observed in some lysates at 48kDa and was successfully blocked by incubation with the immunizing peptide. Recommended concentration: 0.3-2µg/ml. Primary incubation 1 hour at room temperature.

Species Reactivity

Tested: Human

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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB07132 (2µg/ml) staining of Daudi cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.