



## International Office

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**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 GeneID(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



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