



## RayBiotech, Inc.

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### Certificate of Analysis and Data Sheet

## Goat Anti BARK1/GRK2

With HRP-conjugated Secondary Antibody

**Catalog No.**

ER-14-0222

**Target Species**

Human

**Accession Number**

NP\_001610.1

### Description

**Synonyms:** BARK1; GRK2; ADRBK1; adrenergic, beta, receptor kinase 1; BETA-ARK1; beta adrenergic receptor kinase 1

**Official Symbol:** ADRBK1

### Preparation

**Purification:** Purified from goat serum by ammonium sulfate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**Immunogen:** Peptide with sequence C-RDAYREAQQLVQR, from the internal region of the protein sequence according to NP\_001610.1.

**Presentation:** Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

### Specificity

**Peptide ELISA:** Antibody detection limit dilution 1:16000.

**Western Blot:** Approx 75-80kDa band observed in Human lysates of Burkitt's lymphoma cell line Daudi (calculated MW of 79.7kDa according to NP\_001610.1). Recommended concentration: 0.3-1.0µg/ml.

**Tested Species Reactivity:** Human

\*May react with Human, Mouse, Rat and Dog due to sequence similarity

### Storage

Aliquot and store at -20°C. Minimize freezing and thawing.

**The products are furnished for LABORATORY RESEARCH USE ONLY.  
Not for diagnostic or therapeutic use.**



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### Reference

1) Iaccarino G, Barbato E, Cipolletta E, De Amicis V, Margulies KB, Leosco D, Trimarco B, Koch WJ. Elevated myocardial and lymphocyte GRK2 expression and activity in human heart failure. Eur Heart J. 2005 Sep;26(17):1752-8. Epub 2005 Jul 29. PMID: 16055494

### Image



ER-14-0222 (0.3µg/ml) staining of Daudi cell lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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