

RayBiotech, Inc.

3607 Parkway Lane suite 200 Norcross,GA 30092 Tel: 770-729-2992, 1-888-494-8555

Fax: 770-206-2393

Website: www.raybiotech.com Email: info@raybiotech.com

Certificate of Analysis and Data Sheet

Goat Anti BARK1/GRK2

With HRP-conjugated Secondary Antibody

Catalog No.Target SpeciesAccession NumberER-14-0222HumanNP_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.



RayBiotech, Inc.

3607 Parkway Lane suite 200 Norcross,GA 30092 Tel: 770-729-2992, 1-888-494-8555

Fax: 770-206-2393

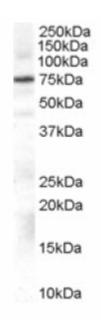
Website: www.raybiotech.com Email: info@raybiotech.com

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.