



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Goat Anti-Clk1 / STK35

With HRP-conjugated Secondary Antibody

Catalog No.

ER-14-0343

Accession Number

NP_543026.2

Target Protein

Principal Names: serine threonine kinase 35 long form, OTTHUMP00000030006, STK35L1, CLIK1, CLP-36 interacting kinase, serine/threonine kinase 35, bA550O8.2 CLIK1, bA550O8.2, Clk1, STK35

Official Symbol: STK35

Accession Number(s): NP_543026.2

Human GeneID(s): 140901

Non-Human GeneID(s): 67333 (mouse)

Immunogen

Peptide with sequence ELETRMDQVTCAA, from the C Terminus of the protein sequence according to NP_543026.2.

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 45kDa band observed in human testis lysates (calculated MW of 44.6kDa according to NP_543026. Recommended concentration: 1-3µg/ml.

IHC: In paraffin embedded human testis shows granular cytoplasmic staining of Leydig cells. Recommended concentration, 10µg/ml.

Species Reactivity

Tested: Human

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

Secondary Antibody Applications

Immunoassay (ELISA, Western blotting): 1:5,000-1:10,000

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



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Specific Reference

This antibody has been successfully used in the following papers:

Goyal P, Behring A, Kumar A, Siess W.

Identifying and characterizing a novel protein kinase STK35L1 and deciphering its orthologs and close-homologs in vertebrates.

PLoS One. 2009 Sep 16;4(9):e6981.

PMID: 19756140

Image



ER-14-0343 (1 μ g/ml) staining of human testis lysate (35 μ g protein in RIPA buffer).
Primary incubation was 1 hour. Detected by chemiluminescence.

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