

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.

EB08249 - Goat Anti-ARPC4 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ARPC4, actin related protein 2/3 complex, subunit 4, 20kDa, ARC20, MGC13544, p20-Arc, Arp2/3 protein complex subunit p20, actin related protein 2/3

complex subunit 4, actin related protein 2/3 complex, subunit 4 (20 kD)

Official Symbol: ARPC4

Accession Number(s): NP_005709.1

Human GeneID(s): 10093

Non-Human GenelD(s): 68089 (mouse)

Important Comments: This antibody is expected to recognise isoform a (NP_005709.1).

Immunogen

Peptide with sequence C-ERHNKPEVEVR, from the internal region of the protein sequence according to NP_005709.1.

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 1:64000.

Western blot: Approx. 19kDa band observed in Human Lymph Node lysates (calculated

MW of 19.7kDa according to NP_005709.1). Recommended concentration:

0.01-0.03µg/ml. Primary incubation was 1 hour.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse

Specific Reference

This antibody has been successfully used in the following paper:

Elvira Nikalayevich, Gaëlle Letort, Ghislain de Labbey, Elena Todisco, Anastasia Shihabi, Hervé Turlier, Raphaël Voituriez, Mohamed Yahiatene, Xavier Pollet-Villard, Metello Innocenti, Melina Schuh, Marie-Emilie Terret, Marie-Hélène Verlhac Aberrant cortex contractions impact mammalian oocyte quality.

Dev Cell. 2024 Apr 8;59(7):841-852.e7

PMID: 38387459



EB08249 (0.03μg/ml) staining of Human Lymph Node lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.