

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.

EB10561 - Goat Anti-Pard3b (mouse) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: Pard3b, par-3 partitioning defective 3 homolog B (C. elegans), DN-276O13.2, 1810008K04Rik, 2010002N16Rik, 2810455B10Rik, Als2cr19, PAR3B, PAR3L, PAR3beta, RP23-20G7.1, DN-276O13.2, PAR3-L protein, PAR3-beta, amyotrophic lateral sclerosis 2 chromosomal region candidate gene 19 protein homolog, partitioning defective 3 homolog B, partitioning defective 3-like protein

Official Symbol: Pard3b

Accession Number(s): NP_001074519.2

Non-Human GenelD(s): 72823 (mouse), 301455 (rat)

Immunogen

Peptide with sequence C-RNQDPRQKNP, from the C-Terminus of the protein sequence according to NP_001074519.2.

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 1:32000.

Western blot: Approx 125kDa band observed in Mouse fetal Kidney lysates (calculated MW of 133kDa according to NP_001074519.2). Recommended concentration: 0.3-1μg/ml. An additional band of unknown identity was also consistently observed at 150kDa. This band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any such results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Mouse, Rat

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa

EB10561 (0.5μg/ml) staining of Mouse fetal Kidney lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.