

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.

EB11476 - Goat Anti-Cyb5r4 (mouse aa444-458) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 2810034J18Rik, b5/b5r, B5+B5R, b5b5r, C79736, cb5/cb5R, Cb5cb5r, Cyb5r4, cytochrome b5 reductase 4, cytochrome b-type NAD(P)H oxidoreductase, flavohemoprotein b5/b5R, NADPH cytochrome B5 oxidoreductase, Ncb5or, N-terminal cytochrome b5 and cytochrome b5 oxidoreductase domain-containing protein

Official Symbol: Cyb5r4

Accession Number(s): NP_077157.2 Non-Human GeneID(s): 266690 (mouse)

Immunogen

Peptide with sequence RCQLEKLALREKRFD, from the internal region of the protein sequence according to NP_077157.2.

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 1:64000.

Western blot: Approx 65kDa band observed in Rat Spleen lysates (calculated MW of 55kDa according to NP_596918.2 and 58.8kDa according to Q68EJ0-1). Recommended

concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Rat

Expected from sequence similarity: Mouse, Rat



EB11476 (0.1μg/ml) staining of Rat Spleen lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour.

Detected by chemiluminescence.