

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.

EB07774 - Goat Anti-Robo3 (mouse) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: Robo3, roundabout homolog 3 (Drosophila), Rbig1, RlG1, Rig-1,

Robo3a, Robo3b, retinoblastoma inhibiting gene 1

Official Symbol: Robo3

Accession Number(s): NP_035378.1; AAD11628.1 Non-Human GenelD(s): 19649 (mouse), 315564 (rat)

Important Comments: Both variants represent identical protein

Immunogen

Peptide with sequence C-RRQKQRKELSHYT, from the internal region of the protein sequence according to NP_035378.1; AAD11628.1.

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 1:16000.

Western blot: Preliminary experiments gave an approx 75-80kDa band in Mouse Brain and Rat Brain lysates after 0.1μg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 143kDa according to NP_035378.1and AAD11628.1. The 75-80kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:

Expected from sequence similarity: Mouse, Rat