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.

EB11775 - Goat Anti-Robo3.1 (mouse aa1338-1351) Antibody
Size: 100µg specific antibody in 200µl

Target Protein
Principal Names: Rbig1, retinoblastoma inhibiting gene 1, retinoblastoma-inhibiting gene 1 protein, Rig1, Rig-1, Robo3, Robo3a, Robo3b, roundabout homolog 3, roundabout homolog 3 (Drosophila)
Official Symbol: Robo3
Accession Number(s): NP_001158239.1
Non-Human GeneID(s): 19649 (mouse)

Immunogen
Peptide with sequence C-PYGRPSFLSHGQGT, from the C-terminus of the protein sequence according to NP_001158239.1.

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 1:128000.
Western blot: Preliminary experiments gave bands at approx 100kDa and 80kDa in Mouse fetal Brain lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 150kDa according to NP_001158239. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands). 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