

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07057 - Goat Anti-ROBO3 (internal) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ROBO3, roundabout, axon guidance receptor, homolog 3 (Drosophila), HGNC:13433, FLJ21044, HGPPS, RBIG1, RIG1, retinoblastoma inhibiting gene 1, roundabout, axon guidance receptor, homolog 3

Official Symbol: ROBO3

Accession Number(s): NP_071765.2

Human GeneID(s): [64221](#)

Immunogen

Peptide with sequence C-RKDGARLKKEEEGR, from the internal region of the protein sequence according to NP_071765.2.

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: Western Blot: Preliminary experiments gave an approx 25kDa band in Human Brain lysates after 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 148kDa according to NP_071765.2. The 25kDa 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?

Flow cytometry: This antibody was successfully used on rheumatoid arthritis synovial fibroblasts (RASf) as described in Denk et al, Arthritis Res Ther. 2010;12(2):R45.; PMID: 20298552.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog

Specific Reference

This antibody has been successfully used in the following paper:

Denk AE, Kaufmann S, Stark K, Schedel J, Lowin T, Schubert T, Bosserhoff AK.

Slit3 inhibits Robo3-induced invasion of synovial fibroblasts in rheumatoid arthritis.

Arthritis Res Ther. 2010;12(2):R45.

PMID: 20298552