

## UK Office

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**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, RIG1, Rig-1, Robo3a, Robo3b, retinoblastoma inhibiting gene 1

**Official Symbol:** Robo3

**Accession Number(s):** NP\_035378.1; AAD11628.1

**Non-Human GeneID(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\_035378.1 and 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