



## UK Office

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

## EB12049 - Goat Anti-Netrin-G1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** NTNG1, netrin G1, Lmnt1, YLSR571, axon guidance molecule, laminet 1, laminet-1, netrin G1f, netrin-G1

**Official Symbol:** NTNG1

**Accession Number(s):** NP\_001106697.1; NP\_001106699.1; NP\_055732.2

**Human GeneID(s):** [22854](#)

**Non-Human GeneID(s):** 80883 (mouse), 295382 (rat)

**Important Comments:** This antibody is expected to recognize 1, 2, 3.

### Immunogen

Peptide with sequence C-SLYGQLDTTKLRD, from the internal region of the protein sequence according to NP\_001106697.1; NP\_001106699.1; NP\_055732.2.

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 1:128000.

**Western blot:** Preliminary experiments gave an approx 29kDa band in Human, Mouse and Rat Brain lysates from different regions 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 49.3kDa according to NP\_055732.2. The 29kDa 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:** Human, Mouse, Rat, Dog, Cow