

## UK Office

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

## EB08845 - Goat Anti-Neurexin 3 / NRXN3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** NRXN3, neurexin 3, KIAA0743, MGC176711, neurexin III

**Official Symbol:** NRXN3

**Accession Number(s):** NP\_004787.2

**Human GeneID(s):** [9369](#)

**Non-Human GeneID(s):** 18191 (mouse)

**Important Comments:** This antibody is expected to recognize the reported isoform 1 (NP\_004787.2).

### Immunogen

Peptide with sequence C-PQERKDARSQKNT, from the internal region of the protein sequence according to NP\_004787.2.

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 1:4000.

**Western blot:** Preliminary experiments gave an approx 24 kDa band in Human Brain (Cerebellum) lysates after 0.3µg/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 117 kDa according to NP\_004787.2. The 24 kDa 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, Dog, Pig