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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 GenelD(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.

Species Reactivity

Tested:

Expected from sequence similarity: Human; Mouse, Dog, Pig