

Goat anti-Neurexin 3 / NRXN3 Antibody

Item Number dAP-1577

Target Molecule Principle Name: Neurexin 3 / NRXN3; Official Symbol: NRXN3; All Names and Symbols: NRXN3; neurexin 3; KIAA0743; MGC176711; neurexin III; Accession Number (s): NP_004787.2; Human Gene ID(s): 9369; Non-Human GenelD(s): 18191 (mouse)

Immunogen PQERKDARSQKNT , is from internal region
This antibody is expected to recognize the reported isoform 1 (NP_004787.2).

Applications Pep ELISA

Species Tested:

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied As lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.

Peptide ELISA Peptide ELISA: antibody detection limit dilution 1 to 4000.

Western Blot 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

IHC

Reference Reference(s): Vieira AR, McHenry TG, Daack-Hirsch S, Murray JC, Marazita ML. Candidate gene/loci studies in cleft lip/palate and dental anomalies finds novel susceptibility genes for clefts. *Genet Med.* 2008 Sep;10(9):668-74..PMID: 18978678->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**