



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Goat Anti-Neurexin 3 / NRXN3

With HRP-conjugated Secondary Antibody

Catalog No.
126-10061

Accession Number
NP_004787.2

Target Protein

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

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.

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.

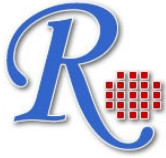
Western blot: Preliminary experiments gave an approx 24 kDa band in Human Brain (Cerebellum) lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 117 kDa according to NP_004787.2. The 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

**The products are furnished for LABORATORY RESEARCH USE ONLY.
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Secondary Antibody Applications

Immunoassay (ELISA, Western blotting): 1:5,000-1:10,000

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