



Neurochondrin Antibody

CATALOG NUMBER: 45-952

Specifications

SPECIES REACTIVITY:

TESTED APPLICATIONS: ELISA

APPLICATIONS: ELISA: antibody detection limit dilution 1:16000. Western Blot: Preliminary experiments gave bands at approx 100kDa and 140kDa in Human Brain (Cerebellum) lysates after 1ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the

SPECIFICITY: This antibody is expected to recognize both reported isoforms (NP_055099.1; NP_001014841.1). Reported variants represent identical protein (NP_055099.1; NP_001014839.1).

IMMUNOGEN: Neurochondrin antibody was raised against a 14 amino acid synthetic peptide near the internal region of Neurochondrin.

HOST SPECIES: Goat

Properties

PURIFICATION: Neurochondrin antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

PHYSICAL STATE: Liquid

BUFFER: Neurochondrin antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.

CONCENTRATION: 500 ug/mL

STORAGE CONDITIONS: Aliquot and store at -20°C. Minimize freezing and thawing.

CLONALITY: Polyclonal

CONJUGATE: Unconjugated

Additional Info

ALTERNATE NAMES: NCDN, neurochondrin, KIAA0607

ACCESSION NO.: NP_055099.1, NP_001014839.1, NP_001014841.1

PROTEIN GI NO.: 24307949

OFFICIAL SYMBOL: NCDN

GENE ID: 23154

Background

REFERENCES: 1) Dateki M, Horii T, Kasuya Y, Mochizuki R, Nagao Y, Ishida J, Sugiyama F, Tanimoto K, Yagami K, Imai H, Fukamizu A. Neurochondrin negatively regulates CaMKII phosphorylation, and nervous system-specific gene disruption results in epileptic seizure. J Biol Chem. 2005 May 27;280(21):20503-8. Epub 2005 Mar 24.

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