

Datasheet for ABIN7601935
anti-Netrin 3 antibody (AA 51-473)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Netrin 3 (Ntn3)
Binding Specificity:	AA 51-473
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Netrin 3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-NTN3 Antibody Picoband®
Immunogen:	E.coli-derived human NTN3 recombinant protein (Position: R51-R473).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-NTN3 Antibody Picoband® (ABIN7601935). Tested in ELISA, IF, IHC, ICC, WB, Flow Cytometry (Intracellular) applications. This antibody reacts with Human, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	Netrin 3 (Ntn3)
Alternative Name:	NTN3 (Ntn3 Products)
Background:	Synonyms: Pyridine nucleotide-disulfide oxidoreductase domain-containing protein 1, PYROXD1 Tissue Specificity: Detected in liver, skeletal muscle, kidney, pancreas, spleen, thyroid, testis, ovary, small intestine and colon. Background: Netrins are a family of highly conserved proteins responsible for axon guidance and cell movement throughout neural development. Netrins can be divided into secreted netrins (netrin 1,3,4 and 5) and membrane-tethered glycoposphatidylinositol (GPI)-linked netrins (netrin G1 and G2). Secreted netrins carry their function via interaction with several receptors that include the deleted in colorectal (DCC) family, and the uncoordinated-5 (UNC5-A through UNC5-D) family. Netrin-3 was discovered in 1997 using sequence homology searching of netrin-2. Similarly to other netrins, Netrin-3 plays an important role in the development of the nervous system. Netrin-3 structure consist of a laminin-like domain located on the N-terminal, three epidermal growth factors like repeats (EGF), and a C-terminal netrin-like domain (NTR). Mutations in NTN3, the gene encoding netrin-3 was found to be associated with the development of several carcinomas.
Molecular Weight:	70 kDa
Gene ID:	4917
UniProt:	O00634
Pathways:	Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Rat Immunohistochemistry, 2-5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human ELISA, 0.1-0.5 µg/mL, - 1. Van Raay, T. J., Foskett, S. M., Connors, T. D., Klinger, K. W., Landes, G. M., Burn, T. C. The NTN2L gene encoding a novel human netrin maps to the autosomal dominant polycystic kidney disease region on chromosome 16p13.3. Genomics 41: 279-282, 1997.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.