Datasheet for ABIN7601887

anti-NETO1 antibody (AA 5-514)

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Overview

Quantity:	100 µg
Target:	NETO1
Binding Specificity:	AA 5-514
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NETO1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	Anti-NETO1 Antibody Picoband®
Immunogen:	E.coli-derived human NETO1 recombinant protein (Position: R5-R514). Human NETO1 shares 95.7% amino acid (aa) sequence identity with mouse NETO1.
Characteristics:	Anti-NETO1 Antibody Picoband® (ABIN7601887). Tested in WB, ELISA applications. This antibody reacts with Human, Mouse, 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:	NETO1
Alternative Name:	NETO1 (NETO1 Products)
Background:	Neuropilin (NRP) and tolloid (TLL)-like 1 is a protein that in humans is encoded by the NETO1 gene. This gene encodes a transmembrane protein containing two extracellular CUB domains followed by a low-density lipoprotein class A (LDLa) domain. This protein is thought to play a critical role in spatial learning and memory by regulating the function of synaptic N-methyl-D-aspartic acid receptor complexes in the hippocampus. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Molecular Weight:	70 kDa
Gene ID:	81832
Pathways:	Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat ELISA, 0.1-0.5 µg/mL, - 1. Michishita, M., Ikeda, T., Nakashiba, T., Ogawa, M., Tashiro, K., Honjo, T., Doi, K., Itohara, S., Endo, S. A novel gene, Btcl1, encoding CUB and LDLa domains is expressed in restricted areas of mouse brain. Biochem. Biophys. Res. Commun. 306: 680-686, 2003. 2. Stohr, H., Berger, C., Frohlich, S., Weber, B. H. F. A novel gene encoding a putative transmembrane protein with two extracellular CUB domains and a low-density lipoprotein class A module: isolation of alternatively spliced isoforms in retina and brain. Gene 286: 223-231, 2002.
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 Na2HPO4.
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.