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Datasheet for ABIN6991577 **anti-NETO1 antibody (C-Term)**

Overview

Quantity:	0.1 mg
Target:	NETO1
Binding Specificity:	AA 350-400, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NETO1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	NETO1 antibody was raised against an 18 amino acid synthetic peptide near the carboxy terminus of human NETO1. The immunogen is located within amino acids 350 - 400 of NETO1.
Isotype:	IgG
Specificity:	NETO1 antibody is predicted to not cross-react with other NETO protein family members.
Purification:	NETO1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	NETO1
Alternative Name:	NETO1 (NETO1 Products)

Target Details

Background:	NETO1 Antibody: Neuropilin and tolloid-like protein 1 (NETO1) is involved in the development and/or maintenance of neuronal circuitry. It is a type I transmembrane protein that is expressed in the brain and retina. NETO1 contains one LDL-receptor class A domain and two CUB domains and is either membrane-bound or secreted. It has three alternatively spliced isoforms, the first two of which are retina-specific and the third of which is found in both retina and brain tissue. Furthermore, as an accessory subunit of the neuronal N-methyl-D-aspartate receptor (NMDAR), it regulates long-term NMDA receptor-dependent synaptic plasticity and cognition, at least in the context of spatial learning and memory.
Molecular Weight:	Predicted: 60 kDa Observed: 60 kDa
Gene ID:	81832
NCBI Accession:	NP_694821
UniProt:	Q8TDF5
Pathways:	Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Application Notes:	NETO1 antibody can be used for detection of NETO1 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in human samples, Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	NETO1 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: NETO1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.