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Datasheet for ABIN1450052

anti-NETO1 antibody (C-Term)

2 Images



Go to Product page

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

Product Details

Immunogen:	18 amino acid synthetic peptide near the carboxy terminus of Human NETO1
Isotype:	IgG
Cross-Reactivity (Details):	Species reactivity (tested):Human, Mouse, Rat.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	NETO1
Alternative Name:	NETO1 (NETO1 Products)
Background:	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. Synonyms: BTCL1, Brain-specific transmembrane protein containing 2 CUB and 1 LDL-receptor class A domains protein 1, Neuropilin and tolloid-like protein 1

Gene ID: 81832

NCBI Accession: NP_694821

Pathways: Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration:

1.0 mg/mL

Buffer:

PBS containing 0.02 % Sodium Azide as preservative

Preservative:

Sodium azide

Precaution of Use:

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice:

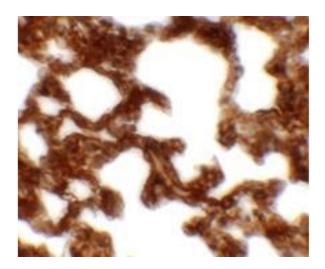
Avoid repeated freezing and thawing.

Storage:

4 °C/-20 °C

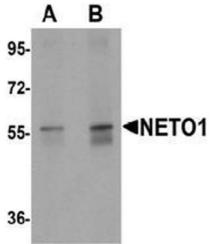
Storage Comment:

Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of NETO1 in rat lung tissue with NETO1 antibody at $2.5 \, \mu g/ml$.



Western Blotting

Image 2. Western blot analysis of NETO1 in human lung tissue lysate with NETO1 Antibody at (A) 1 and (B) $2 \mu g/mL$.