NETO1 Antibody

Catalog No: #25351

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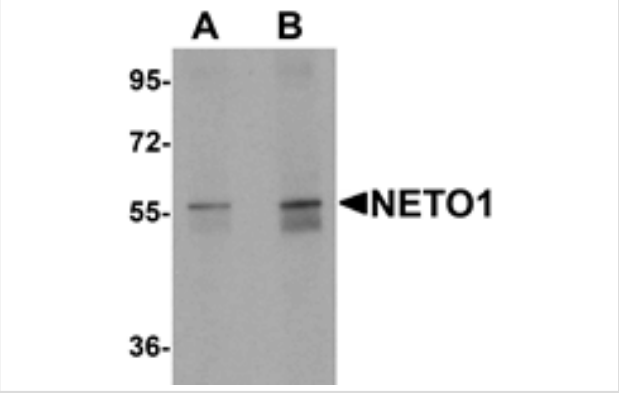
Description

Product Name	NETO1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB
Species Reactivity	Hu Ms Rt
Specificity	NETO1 antibody is predicted to not cross-react with other NETO protein family members.
Immunogen Type	Peptide
Immunogen Description	Raised against an 18 amino acid peptide near the carboxy terminus of human NETO1.
Target Name	NETO1
Other Names	Neuropilin and tolloid-like 1, Brain-specific transmembrane protein containing 2 CUB and 1 LDL-receptor class A domains protein 1, BCTL1, BTCL1
Accession No.	Swiss-Prot:Q8TDF5Gene ID:81832
Uniprot	Q8TDF5
GeneID	81832;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for 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.

Images



Western blot analysis of NETO1 in human lung tissue lysate with NETO1 antibody at (A) 1 and (B) 2 ug/mL.

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.

Note: This product is for in vitro research use only