

For Research Use Only

# NETO1 Polyclonal antibody, PBS Only

Catalog Number: 29936-1-PBS



## Basic Information

Catalog Number:

29936-1-PBS

Size:

100ug, Concentration: 1 mg/ml by  
Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32177

GenBank Accession Number:

NM\_138999

GeneID (NCBI):

81832

UNIPROT ID:

Q8TDF5

Full Name:

neuropilin (NRP) and tolloid (TLL)-like

1

Calculated MW:

60 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

IHC, Indirect ELISA

Species Specificity:

human

## Background Information

The NETO1 protein (neuropilin and tolloid-like protein 1) is a member of the NETO family. It is a type I transmembrane protein primarily expressed in the central nervous system. Serving as an important auxiliary subunit of glutamate receptors (especially kainate receptors and NMDA receptors), NETO1 plays a critical role in synaptic plasticity, learning, and memory by regulating receptor trafficking, gating properties, and synaptic localization. Its abnormalities are associated with neuropsychiatric disorders such as schizophrenia and epilepsy.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

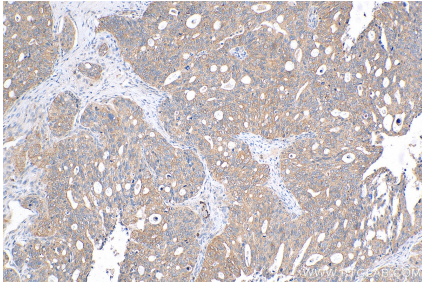
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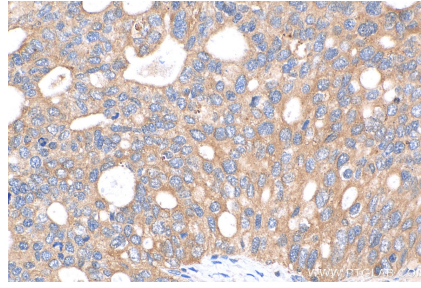
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 29936-1-AP (NETO1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 29936-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 29936-1-AP (NETO1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 29936-1-PBS in a different storage buffer formulation.