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NETO1 Polyclonal Antibody

(Catalog #A70083)

Background
Involved in the development and/or maintenance of neuronal circuitry. Accessory subunit of the neuronal N-methyl-D-aspartate receptor (NMDAR) critical for maintaining the abundance of GRIN2A-containing NMDARs in the postsynaptic density. Regulates long-term NMDA receptor-dependent synaptic plasticity and cognition, at least in the context of spatial learning and memory.

Description
NETO1 Polyclonal Antibody. Unconjugated. Raised in: Rabbit.

Formulation
0.03% Proclin 300. 50% Glycerol, 0.01M PBS, pH 7.4.

Specificity
Human

Isotype
IgG

Uniprot ID
Q8TDF5

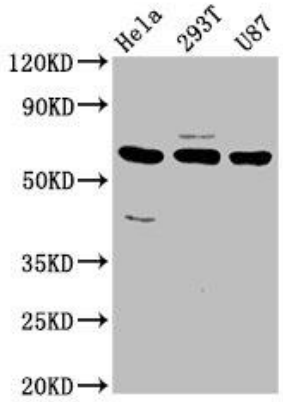
Purification
Protein G purified

Immunogen
Recombinant Human Neuropilin and tolloid-like protein 1 protein (367-507AA)

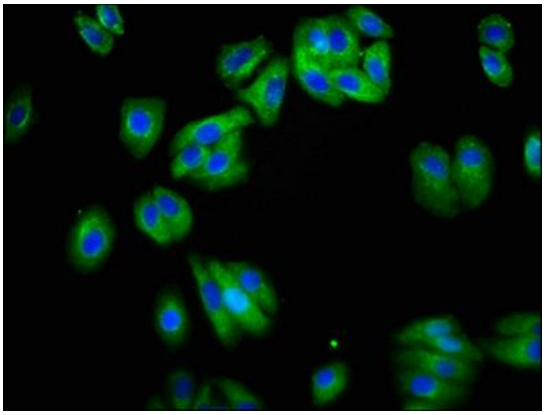
Storage
Shipped at 4°C. Upon receipt, store at -20°C (short-term) or -80°C (long-term). Avoid repeated freeze.

Alternative Names
Neuropilin and tolloid-like protein 1, Brain-specific transmembrane protein containing 2 CUB and 1 LDL-receptor class A domains protein 1, NETO1, BTCL1

Application
ELISA, WB, IF; Recommended dilution: WB 1:500 - 1:5000, IF 1:50 - 1:200



Western Blot
Positive WB detected in: Hela whole cell lysate, 293T whole cell lysate, U87 whole cell lysate
All lanes: NETO1 antibody at 3.2ug/ml
Secondary
Goat polyclonal to rabbit IgG at 1/50000 dilution
Predicted band size: 61, 18 KDa
Observed band size: 61 KDa



Immunofluorescence staining of HepG2 cells with NETO1 Polyclonal Antibody at 1:200, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG (H+L).

