

NETO1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP59045**Specification**

NETO1 Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	Q8TDF5
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	60191

NETO1 Polyclonal Antibody - Additional Information**Gene ID** 81832**Other 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

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

NETO1 Polyclonal Antibody - Protein Information**Name** NETO1**Synonyms** BTCL1**Function**

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 (By similarity).

Cellular Location

[Isoform 2]: Cell membrane; Single- pass type I membrane protein. Postsynaptic density membrane. Note=Component of the postsynaptic density (PSD) of excitatory synapses. [Isoform 1]: Secreted.

Tissue Location

Isoform 1 and isoform 2 are retina-specific. Isoform 3 is found in retina as well as at lower levels in

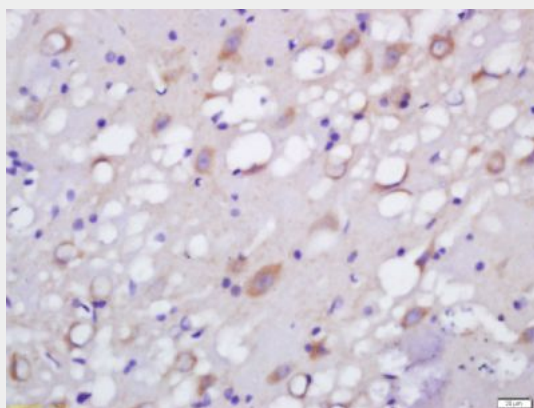
adult and fetal brain.

NETO1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NETO1 Polyclonal Antibody - Images



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-NETO1 Polyclonal Antibody, Unconjugated(bs-8588R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining