



# NETO1 Monoclonal Antibody

|                           |  |
|---------------------------|--|
| <b>Catalog No</b>         | YP-mAb-05852   |
| <b>Isotype</b>            | IgG  |
| <b>Reactivity</b>         | Human;Mouse  |
| <b>Applications</b>       | WB   |
| <b>Gene Name</b>          | NETO1 BTCL1  |
| <b>Protein Name</b>       | Neuropilin and tolloid-like protein 1 (Brain-specific transmembrane protein containing 2 CUB and 1 LDL-receptor class A domains protein 1)   |
| <b>Immunogen</b>          | Synthesized peptide derived from human protein . at AA range: 20-100   |
| <b>Specificity</b>        | NETO1 Monoclonal Antibody detects endogenous levels of protein.  |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.   |
| <b>Source</b>             | Monoclonal, Mouse,IgG  |
| <b>Purification</b>       | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.   |
| <b>Dilution</b>           | WB 1:500-1:2000  |
| <b>Concentration</b>      | 1 mg/ml  |
| <b>Purity</b>             | ≥90%   |
| <b>Storage Stability</b>  | -20°C/1 year   |
| <b>Synonyms</b>           |  |
| <b>Observed Band</b>      | 58kD   |
| <b>Cell Pathway</b>       | [Isoform 2]: Cell membrane ; Single-pass type I membrane protein . Cell junction, synapse, postsynaptic density membrane . Component of the postsynaptic density (PSD) of excitatory synapses. .; [Isoform 3]: Cell membrane ; Single-pass type I membrane protein .; [Isoform 1]: Secreted .  |
| <b>Tissue Specificity</b> | 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.   |
| <b>Function</b>           | function:May play a role in the development and/or maintenance of neuronal circuitry.,similarity:Contains 1 LDL-receptor class A domain.,similarity:Contains 2 CUB domains.,tissue specificity:Isoform 1 and isoform 2 are retina-specific whereas isoform 3 is found in retina as well as at lower levels in adult and fetal brain.,  |
| <b>Background</b>         | This gene encodes a predicted transmembrane protein containing two extracellular CUB domains followed by a low-density lipoprotein class A (LDLa) domain. A similar gene in mice encodes a protein that plays a critical role in spatial learning and memory by regulating the function of synaptic N-methyl-D-aspartic acid receptor complexes in the hippocampus. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011], |

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**