

NETO2 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13322a**Specification**

NETO2 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q8NC67](#)**NETO2 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 81831**Other Names**

Neuropilin and tolloid-like protein 2, Brain-specific transmembrane protein containing 2 CUB and 1 LDL-receptor class A domains protein 2, NETO2, BTCL2

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13322a was selected from the N-term region of NETO2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

NETO2 Antibody (N-term) Blocking peptide - Protein Information**Name** NETO2**Synonyms** BTCL2**Function**

Accessory subunit of neuronal kainate-sensitive glutamate receptors, GRIK2 and GRIK3. Increases kainate-receptor channel activity, slowing the decay kinetics of the receptors, without affecting their expression at the cell surface, and increasing the open probability of the receptor channels. Modulates the agonist sensitivity of kainate receptors. Slows the decay of kainate receptor-mediated excitatory postsynaptic currents (EPSCs), thus directly influencing synaptic transmission (By similarity).

Cellular Location

Membrane; Single-pass type I membrane protein

NETO2 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

NETO2 Antibody (N-term) Blocking peptide - Images**NETO2 Antibody (N-term) Blocking peptide - Background**

This gene encodes a predicted transmembrane protein containing two extracellular CUB domains followed by a low-density lipoprotein class A (LDLa) domain. It also has an intracellular FXNPXY-like motif, which has been shown in other proteins to be essential for the internalization of clathrin coated pits during endocytosis. Alternatively spliced transcript variants have been observed, but they have not been fully characterized. [provided by RefSeq].

NETO2 Antibody (N-term) Blocking peptide - References

Zhang, Z., et al. Protein Sci. 13(10):2819-2824(2004) Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003) Stohr, H., et al. Gene 286(2):223-231(2002)