

CX001 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP13165b**Specification**

CX001 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [O96002](#)

CX001 Antibody (C-term) Blocking Peptide - Additional Information**Other Names**

Transmembrane protein 257, TMEM257, CXorf1

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13165b was selected from the C-term region of CX001. 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.

CX001 Antibody (C-term) Blocking Peptide - Protein Information

Name CXorf1 {ECO:0000303|PubMed:9881668}

Cellular Location

Membrane; Multi-pass membrane protein

Tissue Location

Brain. In the hippocampus it is mainly localized in the granular-cell layer of the dentate gyrus and in the CA2-CA3 subfields of Ammon's horn.

CX001 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CX001 Antibody (C-term) Blocking Peptide - Images

CX001 Antibody (C-term) Blocking Peptide - Background

This intronless gene is expressed in the hippocampus and maps close to a candidate region for several X-linked mental retardation (XLMR) syndromes. It is conserved in primates, cow, and horse, but not found in mouse and rat. The exact function of this gene is not known, but on the basis of its physical location and expression pattern, it is proposed to have an important function in the brain.

CX001 Antibody (C-term) Blocking Peptide - References

Ross, M.T., et al. Nature 434(7031):325-337(2005) Redolfi, E., et al. DNA Cell Biol. 17(12):1009-1016(1998)