

OCN Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13901b**Specification**

OCN Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q16625](#)**OCN Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 100506658**Other Names**

Occludin, OCLN

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13901b was selected from the C-term region of OCLN. 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.

OCN Antibody (C-term) Blocking peptide - Protein Information**Name** OCLN**Function**

May play a role in the formation and regulation of the tight junction (TJ) paracellular permeability barrier. It is able to induce adhesion when expressed in cells lacking tight junctions.

Cellular Location

Cell membrane; Multi-pass membrane protein. Cell junction, tight junction

Tissue Location

Localized at tight junctions of both epithelial and endothelial cells. Highly expressed in kidney. Not detected in testis

OCN Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

OCN Antibody (C-term) Blocking peptide - Images

OCN Antibody (C-term) Blocking peptide - Background

This gene encodes an integral membrane protein which is located at tight junctions. This protein may be involved in the formation and maintenance of the tight junction. The possibility of several alternatively spliced products has been suggested but the full nature of these products has not been described. [provided by RefSeq].

OCN Antibody (C-term) Blocking peptide - References

Liu, S., et al. Virology 407(1):160-170(2010) Michta, M.L., et al. J. Virol. 84(22):11696-11708(2010) O'Driscoll, M.C., et al. Am. J. Hum. Genet. 87(3):354-364(2010) Van Itallie, C.M., et al. J. Cell. Sci. 123 (PT 16), 2844-2852 (2010) : Raikwar, N.S., et al. Am. J. Physiol. Renal Physiol. 299 (2), F436-F444 (2010) :