

OPCML Antibody(Center) Blocking peptide
Synthetic peptide
Catalog # BP19622c**Specification**

OPCML Antibody(Center) Blocking peptide - Product InformationPrimary Accession [Q14982](#)**OPCML Antibody(Center) Blocking peptide - Additional Information****Gene ID** 4978**Other Names**

Opioid-binding protein/cell adhesion molecule, OBCAM, OPCML, Opioid-binding cell adhesion molecule, IGLON family member 1, OPCML, IGLON1, OBCAM

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.

OPCML Antibody(Center) Blocking peptide - Protein Information**Name** OPCML**Synonyms** IGLON1, OBCAM**Function**

Binds opioids in the presence of acidic lipids; probably involved in cell contact.

Cellular Location

Cell membrane; Lipid-anchor, GPI- anchor

OPCML Antibody(Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

OPCML Antibody(Center) Blocking peptide - Images**OPCML Antibody(Center) Blocking peptide - Background**

This gene encodes a member of the IgLON subfamily in the immunoglobulin protein superfamily. The encoded protein is localized in the plasma membrane and may have an accessory role in opioid receptor function. This gene has an ortholog in rat and bovine. The opioid binding-cell adhesion molecule encoded by the rat gene binds opioid alkaloids in the presence of acidic lipids, exhibits selectivity for mu ligands and acts as a GPI-anchored protein. Since the encoded protein is highly conserved in species during evolution, it may have a fundamental role in mammalian systems. Two transcript variants encoding different isoforms have been found for this gene.

OPCML Antibody(Center) Blocking peptide - References

Bailey, S.D., et al. Diabetes Care (2010) In press : Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Stolk, L., et al. Nat. Genet. (2009) In press : Cui, Y., et al. PLoS ONE 3 (8), E2990 (2008) :