

OMP Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP14664a**Specification**

OMP Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [P47874](#)**OMP Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 4975**Other Names**

Olfactory marker protein, Olfactory neuronal-specific protein, OMP

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.

OMP Antibody (N-term) Blocking Peptide - Protein Information**Name** OMP**Function**

May act as a modulator of the olfactory signal-transduction cascade.

Cellular Location

Cytoplasm.

Tissue Location

Uniquely associated with mature olfactory receptor neurons

OMP Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

OMP Antibody (N-term) Blocking Peptide - Images**OMP Antibody (N-term) Blocking Peptide - Background**

Olfactory marker protein is uniquely associated with the mature olfactory receptor neurons in many vertebrate species from fish to man. The OMP gene structure and protein sequence are highly conserved between mouse, rat and human. Results of the mouse knockout studies show that OMP-null mice are compromised in their ability to respond to odor stimuli, and that OMP represents a novel modulatory component of the odor detection/signal transduction cascade.

OMP Antibody (N-term) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Lamesch, P., et al. Genomics 89(3):307-315(2007) Behrens, M., et al. J. Neurochem. 86(5):1289-1296(2003) Baldisseri, D.M., et al. J. Mol. Biol. 319(3):823-837(2002)