

OMP Antibody (N-term) Blocking Peptide

Synthetic peptide Catalog # BP14664a

Specification

OMP Antibody (N-term) Blocking Peptide - Product Information

Primary 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

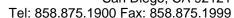
Provided below are standard protocols that you may find useful for product applications.

• Blocking Peptides

OMP Antibody (N-term) Blocking Peptide - Images

OMP Antibody (N-term) Blocking Peptide - Background







Olfactory marker protein is uniquely associated with themature olfactory receptor neurons in many vertebrate species fromfish to man. The OMP gene structure and protein sequence are highly conserved between mouse, rat and human. Results of themouse knockout studies show that OMP-null mice are compromised intheir ability to respond to odor stimuli, and that OMP represents anovel modulatory component of the odor detection/signaltransduction 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)