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Olfactory Marker Protein Rabbit pAb

Catalog # AP97372

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P47874
Other Accession	P47874
Reactivity	Rat, Mouse
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	18937
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Olfactory Marker Protein
Epitope Specificity	2-100/163
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the olfactory marker protein family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	4975
Other Names	OMP_HUMAN; OMP; Olfactory neuronal-specific protein; OMP_MOUSE; OMP_RAT; olfactory marker protein
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.