

Rabbit anti-Human OMP Polyclonal Antibody | anti-OMP antibody

OMP Antibody (N-term)

CATALOG # AAA28786	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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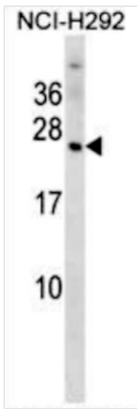
PRODUCT SYNONYMS

OMP; Polyclonal Antibody; OMP Antibody (N-term); Olfactory marker protein; Olfactory neuronal-specific protein; anti-OMP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This OMP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 13-41 amino acids from the N-terminal region of human OMP.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	13-41
Sequence Length	163
Applicable Applications for anti-OMP antibody	WB (Western Blot), ELISA
Application Notes	WB~~1:1000
Function	May act as a modulator of the olfactory signal-transduction cascade.
Cellular Location	Cytoplasm.
Tissue Location	Uniquely associated with mature olfactory receptor neurons.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
OMP Antibody (N-term) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the OMP antibody detected the OMP protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-OMP antibody	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.
Product Categories/Family for anti-OMP antibody	Neuroscience
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453828
NCBI GeneID	4975
NCBI Accession #	NP_006180.1
NCBI GenBank Nucleotide #	NM_006189.1
UniProt Accession #	P47874; Q562G2
Molecular Weight	18937
NCBI Official Full Name	olfactory marker protein
NCBI Official Synonym Full Names	olfactory marker protein
NCBI Official Symbol	OMP
NCBI Protein Information	olfactory marker protein
UniProt Protein Name	Olfactory marker protein
UniProt Gene Name	OMP
UniProt Entry Name	OMP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/omp-antibody-western-blot-elisa/28786>