

## Product datasheet for **TA345161**

### Olfactory Marker Protein (OMP) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-OMP antibody: synthetic peptide directed towards the middle region of human OMP. Synthetic peptide located within the following region: WRKEDSDAIDWNEADALEFGERLSDLAKIRKVMYFLVTFGEGVEPANLKA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	19 kDa
Gene Name:	olfactory marker protein
Database Link:	<a href="#">NP_006180</a> <a href="#">Entrez Gene 24612 Rat</a> <a href="#">Entrez Gene 4975 Human</a> <a href="#">P47874</a>
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- 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]



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**Synonyms:** olfactory marker protein

**Note:** Immunogen Sequence Homology: Rat: 100%; Goat: 100%; Human: 100%; Mouse: 100%

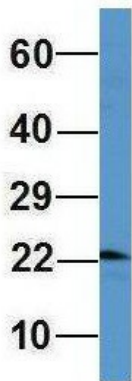
**Protein Families:** Druggable Genome

**Product images:**



WB Suggested Anti-OMP Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: HepG2 cell lysate

**OMP**



Rabbit Anti-OMP  
 Sample Type: Human 721\_B  
 Antibody Concentration: 1ug/mL

Host: Rabbit; Target Name: OMP; Sample Tissue: 721\_B; Antibody Dilution: 1.0 ug/ml; OMP is supported by BioGPS gene expression data to be expressed in 721\_B