

**OR2M7 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP11904b****Specification**

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**OR2M7 Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q8NG81</a>
Other Accession	<a href="#">NP_001004691.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	34902
Antigen Region	284-312

**OR2M7 Antibody (C-term) - Additional Information****Gene ID** 391196**Other Names**

Olfactory receptor 2M7, Olfactory receptor OR1-58, OR2M7

**Target/Specificity**

This OR2M7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 284-312 amino acids from the C-terminal region of human OR2M7.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**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.

**Precautions**

OR2M7 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**OR2M7 Antibody (C-term) - Protein Information****Name** OR2M7**Function** Odorant receptor.

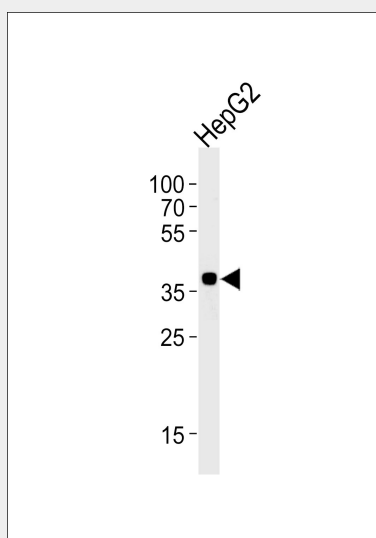
**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**OR2M7 Antibody (C-term) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**OR2M7 Antibody (C-term) - Images**

Western blot analysis of lysate from HepG2 cell line, using OR2M7 Antibody (C-term)(Cat. #AP11904b). AP11904b was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

**OR2M7 Antibody (C-term) - Background**

Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. The olfactory receptor gene family is the largest in the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms.

**OR2M7 Antibody (C-term) - References**

Eriksson, N., et al. PLoS Genet. 6 (6), E1000993 (2010) :  
Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)