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OR2M7 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11904b

Specification

OR2M7 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q8NG81
Other Accession	NP_001004691.1
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
E~~Use at an assay dependent concentration.

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.

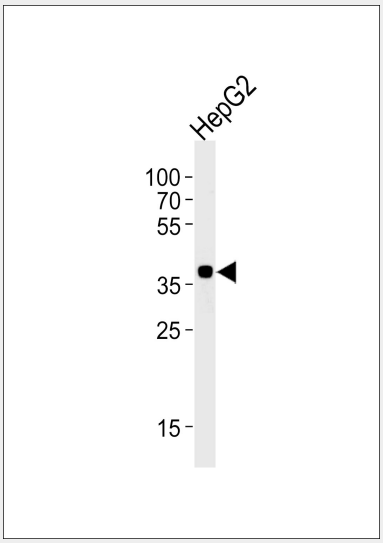
Cellular Location
Cell membrane; Multi-pass membrane protein.

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 Cytomety
- 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)