

OR14J1 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14648b**Specification**

OR14J1 Antibody (C-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	O9UGF5
Other Accession	NP_112208.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	35892
Antigen Region	206-234

OR14J1 Antibody (C-term) - Additional Information**Gene ID** 442191**Other Names**

Olfactory receptor 14J1, Hs6M1-28, Olfactory receptor 5U1, Olfactory receptor OR6-25, OR14J1, OR5U1

Target/Specificity

This OR14J1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 206-234 amino acids from the C-terminal region of human OR14J1.

Dilution

WB~~1:1000

IHC-P~~1:10~50

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

OR14J1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR14J1 Antibody (C-term) - Protein Information**Name** OR14J1

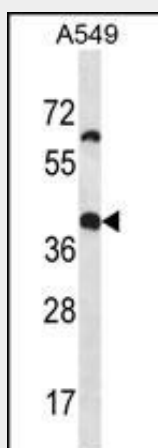
Synonyms OR5U1**Function** Odorant receptor.**Cellular Location**

Cell membrane; Multi-pass membrane protein.

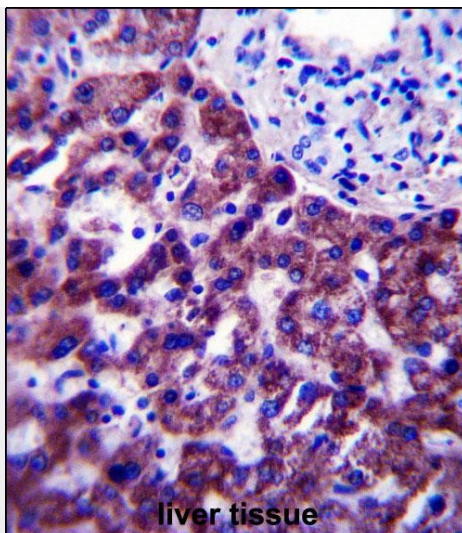
OR14J1 Antibody (C-term) - Protocols

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](#)

OR14J1 Antibody (C-term) - Images

OR14J1 Antibody (C-term) (Cat. #AP14648b) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the OR14J1 antibody detected the OR14J1 protein (arrow).



OR14J1 Antibody (C-term) (Cat. #AP14648b) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of OR14J1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

OR14J1 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.

OR14J1 Antibody (C-term) - References

Barcellos, L.F., et al. PLoS Genet. 5 (10), E1000696 (2009) :
Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)
Mungall, A.J., et al. Nature 425(6960):805-811(2003)