

## Rabbit anti-Human OR14J1 Polyclonal Antibody | anti-OR14J1 antibody

OR14J1 Antibody (C-term)

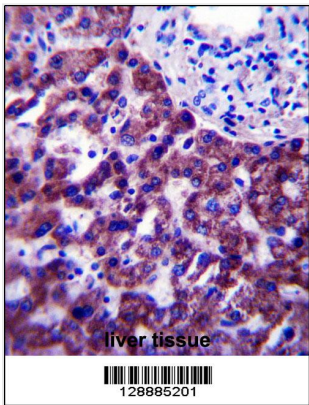
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                              |
|-----------|--------|------------|-------------------------------------------|
| AAA283712 | Rabbit | Human      | Immunohistochemistry, ELISA, Western Blot |

### PRODUCT SYNONYMS

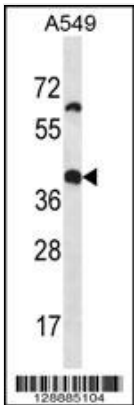
OR14J1; Polyclonal Antibody; OR14J1 Antibody (C-term); Olfactory receptor 14J1; Hs6M1-28; Olfactory receptor 5U1; Olfactory receptor OR6-25; OR5U1; anti-OR14J1 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                              |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                       |
| Reactivity                                       | Human                                                                                                                                                                        |
| Clonality                                        | Polyclonal                                                                                                                                                                   |
| Isotype                                          | Rabbit Ig                                                                                                                                                                    |
| 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.     |
| Purity/Purification                              | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/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. |
| Concentration                                    | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                               | 206-234                                                                                                                                                                      |
| Sequence Length                                  | 321                                                                                                                                                                          |
| Applicable Applications for anti-OR14J1 antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                                         |
| Antigen Type                                     | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                   | HUMAN                                                                                                                                                                        |
| Preparation and Storage                          | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |



IHC (Immunohiostchemistry)  
OR14J1 Antibody (C-term) 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.



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

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-OR14J1 antibody | 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. |
| Product Categories/Family for anti-OR14J1 antibody   | Neuroscience; Signal Transduction; GPCR Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| References                                           | Barcellos, L.F., et al. PLoS Genet. 5 (10), E1000696 (2009) :<br>Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)<br>Mungall, A.J., et al. Nature 425(6960):805-811(2003)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

NCBI AND UNIPROT INFORMATION

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| NCBI GI #                        | 53850574                                             |
| NCBI GeneID                      | 442191                                               |
| NCBI Accession #                 | NP_112208.1                                          |
| NCBI GenBank Nucleotide #        | NM_030946.1                                          |
| UniProt Accession #              | Q9UGF5; Q5ST27; A2BEC2; B0V078                       |
| Molecular Weight                 | 35892                                                |
| NCBI Official Full Name          | olfactory receptor 14J1                              |
| NCBI Official Synonym Full Names | olfactory receptor, family 14, subfamily J, member 1 |
| NCBI Official Symbol             | OR14J1                                               |
| NCBI Official Synonym Symbols    | OR5U1; OR6-25; hs6M1-28; bA150A6.4                   |
| NCBI Protein Information         | olfactory receptor 14J1                              |

|                            |                         |
|----------------------------|-------------------------|
| UniProt Protein Name       | Olfactory receptor 14J1 |
| UniProt Gene Name          | <b>OR14J1</b>           |
| UniProt Synonym Gene Names | OR5U1                   |
| UniProt Entry Name         | O14J1_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://www.aaabiotech.com/polyclonal/or14j1-antibody-immunohistochemistry-western-blot-elisa/283712>