



Datasheet for ABIN953907  
**anti-OR13J1 antibody (C-Term)**



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2 Images

Overview

Quantity:	0.4 mL
Target:	OR13J1
Binding Specificity:	AA 244-272, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR13J1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	conjugated synthetic peptide between 244-272 amino acids from the C-terminal region of human OR13J1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human OR13J1 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	OR13J1
Alternative Name:	OR13J1 ( <a href="#">OR13J1 Products</a> )

## Target Details

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**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. Synonyms: Olfactory receptor 13J1

**Molecular Weight:** 34689 Da

**Gene ID:** 392309

**NCBI Accession:** [NP\\_001004487](#)

## Application Details

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**Application Notes:** Optimal working dilution should be determined by the investigator.

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 0.25 mg/mL

**Buffer:** PBS containing 0.09 % (W/V) Sodium Azide as preservative

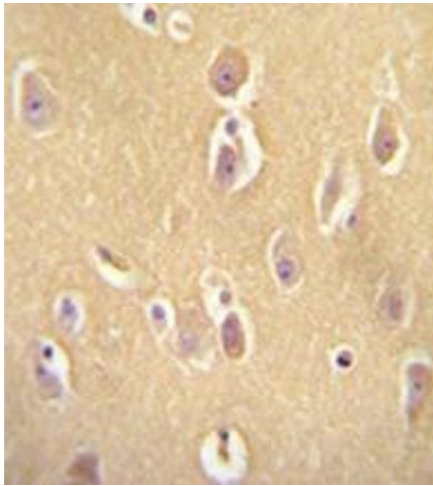
**Preservative:** Sodium azide

**Precaution of Use:** This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Handling Advice:** Avoid repeated freezing and thawing.

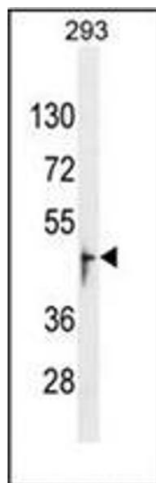
**Storage:** 4 °C/-20 °C

**Storage Comment:** Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue reacted with AP53019PU-N, which was peroxidase conjugated to the secondary antibody and followed by DAB staining. This data demonstrates the use of the OR13J1 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



### Western Blotting

**Image 2.** Western blot analysis of OR13J1 Antibody (C-term) in 293 cell line lysates (35ug/lane). This demonstrates the OR13J1 antibody detected the OR13J1 protein (arrow).