

## Product datasheet for **AP53019PU-N**

### OR13J1 (C-term) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500. <b>Immunohistochemistry on Paraffin Sections:</b> 1/50-1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	conjugated synthetic peptide between 244-272 amino acids from the C-terminal region of human OR13J1
Specificity:	This antibody recognizes Human OR13J1 (C-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	olfactory receptor family 13 subfamily J member 1
Database Link:	<a href="#">Entrez Gene 392309 Human</a> <a href="#">Q8NGT2</a>



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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 OR9-2, Olfactory receptor 13J1

**Note:**

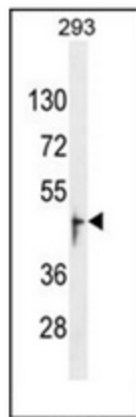
**Molecular Weight:** 34689 Da

**Protein Families:**

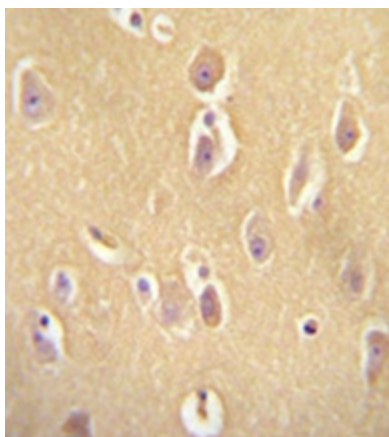
Transmembrane

**Protein Pathways:**

Olfactory transduction

**Product images:**

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).



Immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue reacted with, 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.