

OR4S1 Antibody(C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19720b**Specification**

OR4S1 Antibody(C-term) - Product Information

Application	WB,E
Primary Accession	Q8NGB4
Other Accession	NP_001004725.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	34800
Antigen Region	282-309

OR4S1 Antibody(C-term) - Additional Information**Gene ID** 256148**Other Names**

Olfactory receptor 4S1, Olfactory receptor OR11-100, OR4S1

Target/Specificity

This OR4S1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 282-309 amino acids from the C-terminal region of human OR4S1.

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

OR4S1 Antibody(C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR4S1 Antibody(C-term) - Protein Information**Name** OR4S1**Function** Odorant receptor.

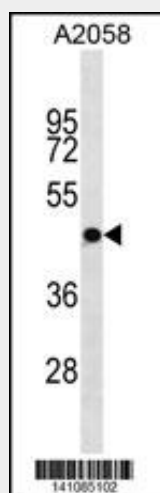
Cellular Location

Cell membrane; Multi-pass membrane protein.

OR4S1 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](#)

OR4S1 Antibody(C-term) - Images

OR4S1 Antibody (C-term) (Cat. #AP19720b) western blot analysis in A2058 cell line lysates (35ug/lane). This demonstrates the OR4S1 antibody detected the OR4S1 protein (arrow).

OR4S1 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.

OR4S1 Antibody(C-term) - References

Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)