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Tel: 858.875.1900 Fax: 858.875.1999

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

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.

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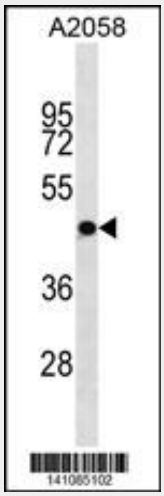
Cellular Location
Cell membrane; Multi-pass membrane protein.

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 Cytomety
- 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)