

OR52I1 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19233b**Specification**

OR52I1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O8NGK6
Other Accession	NP_001005169.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	35386
Antigen Region	212-240

OR52I1 Antibody (C-term) - Additional Information**Gene ID** 390037**Other Names**

Olfactory receptor 52I1, Olfactory receptor OR11-13, OR52I1

Target/Specificity

This OR52I1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 212-240 amino acids from the C-terminal region of human OR52I1.

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

OR52I1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR52I1 Antibody (C-term) - Protein Information**Name** OR52I1**Function** Odorant receptor.

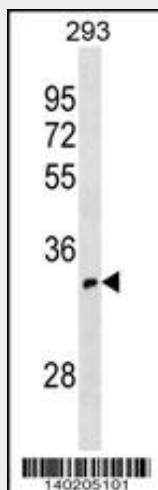
Cellular Location

Cell membrane; Multi-pass membrane protein.

OR52I1 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](#)

OR52I1 Antibody (C-term) - Images

OR52I1 Antibody (C-term) (Cat. #AP19233b) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the OR52I1 antibody detected the OR52I1 protein (arrow).

OR52I1 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.

OR52I1 Antibody (C-term) - References

Malhotra, A., et al. Diabetes Metab. Res. Rev. 25(8):740-747(2009)

Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)
Vanti, W.B., et al. Biochem. Biophys. Res. Commun. 305(1):67-71(2003)