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OR52A5 Antibody(C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19492b

Specification

OR52A5 Antibody(C-term) - Product Information

Application	**WB,E**
Primary Accession	Q9H2C5
Other Accession	NP_001005160.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**35955**
Antigen Region	**214-240**

OR52A5 Antibody(C-term) - Additional Information

Gene ID 390054

Other Names
Olfactory receptor 52A5, Odorant receptor HOR3'beta5, Olfactory receptor OR11-33, OR52A5

Target/Specificity
This OR52A5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 214-240 amino acids from the C-terminal region of human OR52A5.

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
OR52A5 Antibody(C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR52A5 Antibody(C-term) - Protein Information

Name OR52A5

Function Odorant receptor.

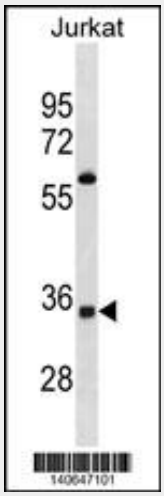
Cellular Location
Cell membrane; Multi-pass membrane protein.

OR52A5 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

OR52A5 Antibody(C-term) - Images



OR52A5 Antibody (C-term) (Cat. #AP19492b) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the OR52A5 antibody detected the OR52A5 protein (arrow).

OR52A5 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.

OR52A5 Antibody(C-term) - References

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

Bulger, M., et al. Proc. Natl. Acad. Sci. U.S.A. 97(26):14560-14565(2000)