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OR52E2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12373b

Specification

OR52E2 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q8NGJ4
Other Accession	NP_001005164.2
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**36630**
Antigen Region	**296-324**

OR52E2 Antibody (C-term) - Additional Information

Gene ID 119678

Other Names
Olfactory receptor 52E2, OR52E2

Target/Specificity
This OR52E2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 296-324 amino acids from the C-terminal region of human OR52E2.

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
OR52E2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR52E2 Antibody (C-term) - Protein Information

Name OR52E2

Function Odorant receptor.

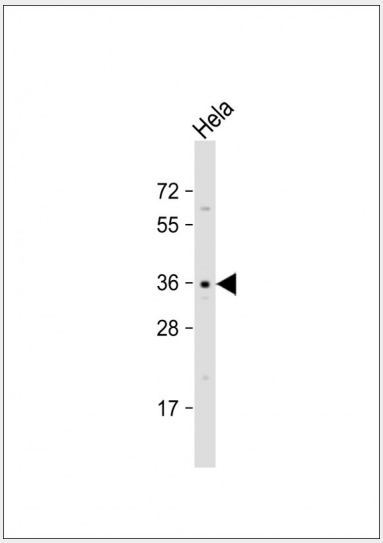
Cellular Location
Cell membrane; Multi-pass membrane protein.

OR52E2 Antibody (C-term) - Protocols

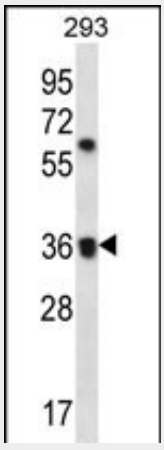
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

OR52E2 Antibody (C-term) - Images



Anti-OR52E2 Antibody (C-term) at 1:1000 dilution + Hela whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 37 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



OR52E2 Antibody (C-term) (Cat. #AP12373b) western blot analysis in 293 cell line lysates

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(35ug/lane).This demonstrates the OR52E2 antibody detected the OR52E2 protein (arrow).

OR52E2 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.