

OR52H1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP14340b

Product Information

Application WB, E
Primary Accession Q8NG|2

Other Accession NP_001005289.1

Reactivity
Human
Rabbit
Clonality
Polyclonal
Isotype
Rabbit IgG
Clone Names
RB31261
Calculated MW
35047
Antigen Region
282-310

Additional Information

Gene ID 390067

Other Names Olfactory receptor 52H1, Olfactory receptor OR11-45, OR52H1

Target/Specificity This OR52H1 antibody is generated from rabbits immunized with a KLH

conjugated synthetic peptide between 282-310 amino acids from the

C-terminal region of human OR52H1.

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 OR52H1 Antibody (C-term) is for research use only and not for use in

diagnostic or therapeutic procedures.

Protein Information

Name OR52H1

Function Odorant receptor.

Cellular Location Membrane; Multi-pass membrane protein

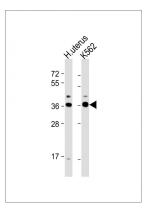
Background

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.

References

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

Images



All lanes: Anti-OR52H1 Antibody (C-term) at 1:1000 dilution Lane 1: human uterus lysate Lane 2: K562 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: 36 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.