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OR11A1 Antibody(C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19674b

Product Information

Application	WB, E
Primary Accession	Q9GZK7
Other Accession	NP_039225.1
Reactivity	Human
Predicted	Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB28906
Calculated MW	35250
Antigen Region	279-306

Additional Information

Gene ID	26531
Other Names	Olfactory receptor 11A1, Hs6M1-18, Olfactory receptor 11A2, Olfactory receptor OR6-30, OR11A1, OR11A2
Target/Specificity	This OR11A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 279-306 amino acids from the C-terminal region of human OR11A1.
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	OR11A1 Antibody(C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	OR11A1
Synonyms	OR11A2

Function Odorant receptor.

Cellular Location Cell membrane; Multi-pass membrane protein.

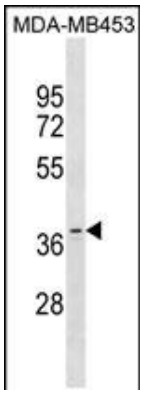
Background

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

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Barcellos, L.F., et al. PLoS Genet. 5 (10), E1000696 (2009) :
Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)
Mungall, A.J., et al. Nature 425(6960):805-811(2003)
Volz, A., et al. J. Biol. Chem. 278(22):19691-19701(2003)

Images



OR11A1 Antibody (C-term) (Cat. #AP19674b) western blot analysis in MDA-MB453 cell line lysates (35ug/lane).This demonstrates the OR11A1 antibody detected the OR11A1 protein (arrow).

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