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OR56A1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14183b

Product Information

Application	WB, E
Primary Accession	Q8NGH5
Other Accession	NP_001001917.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB29944
Calculated MW	35823
Antigen Region	289-318

Additional Information

Gene ID	120796
Other Names	Olfactory receptor 56A1, Olfactory receptor OR11-75, OR56A1
Target/Specificity	This OR56A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 289-318 amino acids from the C-terminal region of human OR56A1.
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	OR56A1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	OR56A1
Function	Odorant receptor.
Cellular Location	Cell membrane; Multi-pass membrane protein.

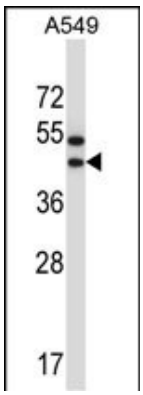
Background

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

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

Images



OR56A1 Antibody (C-term) (Cat. #AP14183b) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the OR56A1 antibody detected the OR56A1 protein (arrow).

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