10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

OR11L1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12515b

Product Information

Application	WB, FC, E
Primary Accession	Q8NGX0
Other Accession	NP_001001959.1
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB31262
Calculated MW	36763
Antigen Region	279-308

Additional Information

Gene ID	391189
Other Names	Olfactory receptor 11L1, OR11L1
Target/Specificity	This OR11L1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 279-308 amino acids from the C-terminal region of human OR11L1.
Dilution	WB~~1:1000 FC~~1:10~50 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	OR11L1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	OR11L1
Function	Odorant receptor.
Cellular Location	Cell membrane; Multi-pass membrane protein.

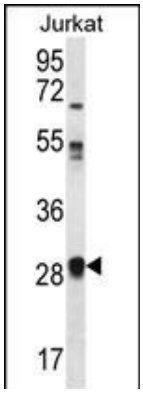
Background

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.

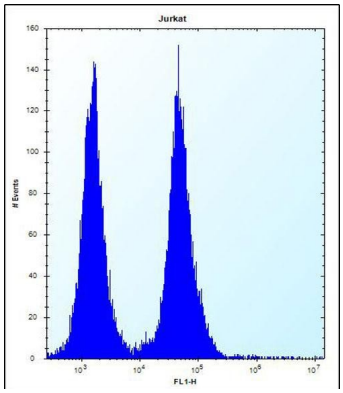
References

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

Images



OR11L1 Antibody (C-term) (Cat. #AP12515b) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the OR11L1 antibody detected the OR11L1 protein (arrow).



OR11L1 Antibody (C-term) (Cat. #AP12515b) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

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