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

OR51V1 Rabbit pAb

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Catalog # AP57749

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9H2C8
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36749
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human OR51V1
Epitope Specificity	1-100/321
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cell membrane.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	283111
Other Names	Olfactory receptor 51V1, Odorant receptor HOR3'beta1, Olfactory receptor 51A12, Olfactory receptor OR11-36, OR51V1, OR51A12
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	OR51V1
Synonyms	OR51A12
Function	Odorant receptor.
Cellular Location	Cell membrane; Multi-pass membrane protein.

Background

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