

OR51V1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP57749

Specification

OR51V1 Polyclonal Antibody - Product Information

Application IHC-P, IHC-F, IF, ICC, E

Primary Accession

Host
Clonality
Calculated MW
Physical State

Q9H2C8
Rabbit
Polyclonal
37 KDa
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.

SIMILARITY Belongs to the G-protein coupled receptor

1 family.

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]

OR51V1 Polyclonal Antibody - Additional Information

Gene ID 283111

Other Names

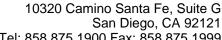
Olfactory receptor 51V1, Odorant receptor HOR3'beta1, Olfactory receptor 51A12, Olfactory receptor OR11-36, OR51V1, OR51A12

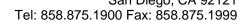
Dilution

IHC-P~~N/A<br \><span class</pre>

="dilution_IHC-F">IHC-F~~N/A<br \> <span class

="dilution IF">IF~~1:50~200
span class = "dilution ICC">ICC~~N/A
br







\>E~~N/A

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.

OR51V1 Polyclonal Antibody - Protein Information

Name OR51V1

Synonyms OR51A12

Function

Odorant receptor.

Cellular Location

Cell membrane; Multi-pass membrane protein.

OR51V1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

OR51V1 Polyclonal Antibody - Images