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OR5W2 Antibody(C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP19736b

Specification

OR5W2 Antibody(C-term) - Product Information

Application	**WB,E**
Primary Accession	Q8NH69
Other Accession	P0C7N8, Q8NH87, NP_001001960.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**35167**
Antigen Region	**276-303**

OR5W2 Antibody(C-term) - Additional Information

Gene ID 390148

Other Names
Olfactory receptor 5W2, Olfactory receptor 5W3, Olfactory receptor OR11-155, OR5W2, OR5W2P, OR5W3P

Target/Specificity
This OR5W2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 276-303 amino acids from the C-terminal region of human OR5W2.

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
OR5W2 Antibody(C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR5W2 Antibody(C-term) - Protein Information

Name OR5W2

Synonyms OR5W2P, OR5W3P

Function Odorant receptor.

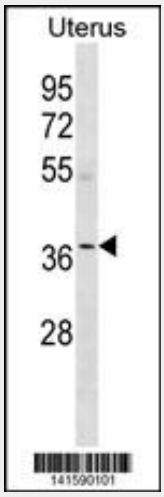
Cellular Location
Cell membrane; Multi-pass membrane protein.

OR5W2 Antibody(C-term) - 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

OR5W2 Antibody(C-term) - Images



OR5W2 Antibody (C-term) (Cat. #AP19736b) western blot analysis in human Uterus tissue lysates (35ug/lane).This demonstrates the OR5W2 antibody detected the OR5W2 protein (arrow).

OR5W2 Antibody(C-term) - 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.

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OR5W2 Antibody(C-term) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)
Fuchs, T., et al. Genomics 80(3):295-302(2002)