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OR5W2 Antibody(C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19736b

Product Information

Application	WB, E
Primary Accession	Q8NH69
Other Accession	P0C7N8, Q8NH87, NP_001001960.1
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB41590
Calculated MW	35167
Antigen Region	276-303

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.

Protein Information

Name	OR5W2
Synonyms	OR5W2P, OR5W3P

Function Odorant receptor.

Cellular Location Cell membrane; Multi-pass membrane protein.

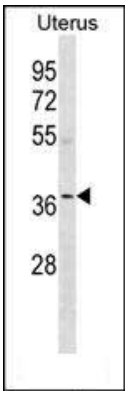
Background

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

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)

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).

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