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OR8B8 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10862b

Specification

OR8B8 Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q15620
Other Accession	NP_036510.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**34482**
Antigen Region	**280-308**

OR8B8 Antibody (C-term) - Additional Information

Gene ID 26493

Other Names
Olfactory receptor 8B8, Olfactory receptor TPCR85, Olfactory-like receptor JCG8, OR8B8

Target/Specificity
This OR8B8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 280-308 amino acids from the C-terminal region of human OR8B8.

Dilution
WB~~1:1000
IHC-P~~1:50~100

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
OR8B8 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR8B8 Antibody (C-term) - Protein Information

Name OR8B8 (HGNC:8477)

Function Odorant receptor (Potential). May be involved in taste perception.

Cellular Location
Cell membrane; Multi-pass membrane protein

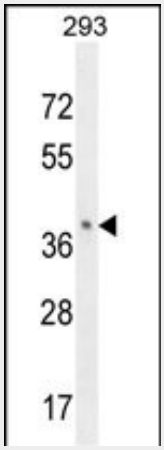
Tissue Location
Expressed in the tongue and testis.

OR8B8 Antibody (C-term) - Protocols

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

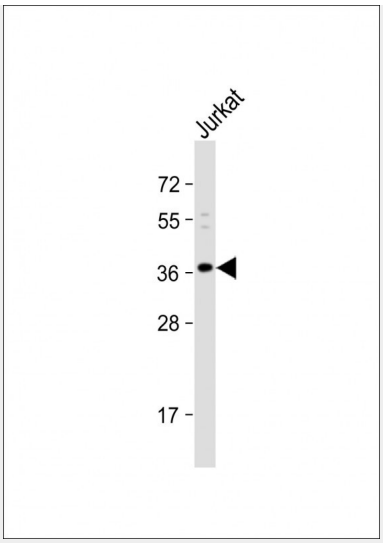
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

OR8B8 Antibody (C-term) - Images

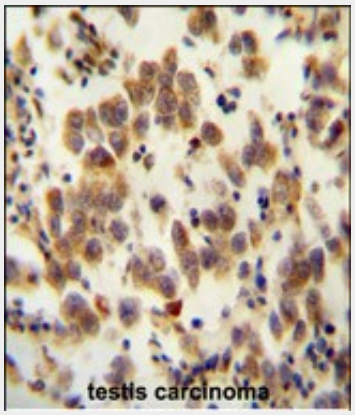


OR8B8 Antibody (C-term) (Cat. #AP10862b) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the OR8B8 antibody detected the OR8B8 protein (arrow).

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Anti-OR8B8 Antibody (C-term) at 1:1000 dilution + Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 34 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



OR8B8 antibody (C-term) (Cat. #AP10862b) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the OR8B8 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

OR8B8 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.

OR8B8 Antibody (C-term) - References

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)
Gaudin, J.C., et al. Chem. Senses 26(9):1157-1166(2001)
Vanderhaeghen, P., et al. Genomics 39(3):239-246(1997)