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OR2B6 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20256b

Specification

OR2B6 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	P58173
Other Accession	NP_036499.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**35414**
Antigen Region	**208-236**

OR2B6 Antibody (C-term) - Additional Information

Gene ID 26212

Other Names
Olfactory receptor 2B6, Hs6M1-32, Olfactory receptor 2B1, Olfactory receptor 2B5, Olfactory receptor 5-40, OR5-40, Olfactory receptor 6-31, OR6-31, Olfactory receptor OR6-4, OR2B6, OR2B1, OR2B1P, OR2B5, OR2B6P

Target/Specificity
This OR2B6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 208-236 amino acids from the C-terminal region of human OR2B6.

Dilution
WB~~1:1000

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
OR2B6 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR2B6 Antibody (C-term) - Protein Information

Name OR2B6 (HGNC:8241)

Function Odorant receptor.

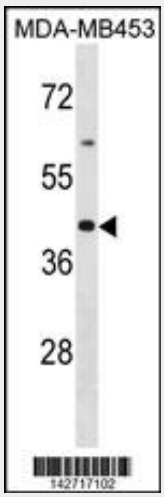
Cellular Location
Cell membrane; Multi-pass membrane protein

OR2B6 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

OR2B6 Antibody (C-term) - Images



OR2B6 Antibody (C-term) (Cat. #AP20256b) western blot analysis in MDA-MB453 cell line lysates (35ug/lane).This demonstrates the OR2B6 antibody detected the OR2B6 protein (arrow).

OR2B6 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.

OR2B6 Antibody (C-term) - References

Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)
Mungall, A.J., et al. Nature 425(6960):805-811(2003)
Rouquier, S., et al. Nat. Genet. 18(3):243-250(1998)