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OR10AD1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP18196c

Specification

OR10AD1 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q8NGE0
Other Accession	NP_001004134.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**35698**
Antigen Region	**149-177**

OR10AD1 Antibody (Center) - Additional Information

Gene ID 121275

Other Names
Olfactory receptor 10AD1, Olfactory receptor OR12-1, OR10AD1, OR10AD1P

Target/Specificity
This OR10AD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 149-177 amino acids from the Central region of human OR10AD1.

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
OR10AD1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

OR10AD1 Antibody (Center) - Protein Information

Name OR10AD1

Synonyms OR10AD1P

Function Odorant receptor.

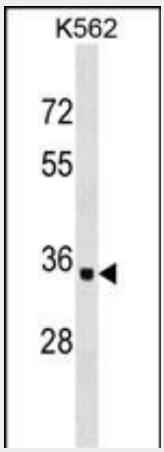
Cellular Location
Cell membrane; Multi-pass membrane protein.

OR10AD1 Antibody (Center) - 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

OR10AD1 Antibody (Center) - Images



OR10AD1 Antibody (Center) (Cat. #AP18196c) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the OR10AD1 antibody detected the OR10AD1 protein (arrow).

OR10AD1 Antibody (Center) - 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.

OR10AD1 Antibody (Center) - 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)