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OR5D13 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14985c

Specification

OR5D13 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q8NGL4
Other Accession	NP_001001967.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**35447**
Antigen Region	**172-199**

OR5D13 Antibody (Center) - Additional Information

Gene ID 390142

Other Names
Olfactory receptor 5D13, Olfactory receptor OR11-142, Olfactory receptor OR11-148, OR5D13

Target/Specificity
This OR5D13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 172-199 amino acids from the Central region of human OR5D13.

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
OR5D13 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

OR5D13 Antibody (Center) - Protein Information

Name OR5D13

Function Odorant receptor.

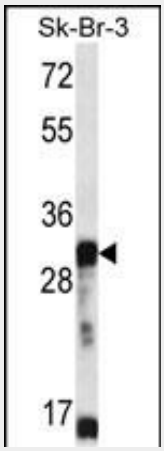
Cellular Location
Cell membrane; Multi-pass membrane protein.

OR5D13 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

OR5D13 Antibody (Center) - Images



OR5D13 Antibody (Center) (Cat. #AP14985c) western blot analysis in SK-BR-3 cell line lysates (35ug/lane).This demonstrates the OR5D13 antibody detected the OR5D13 protein (arrow).

OR5D13 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.

OR5D13 Antibody (Center) - References

Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)