10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

OR10G2 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP11343a

Specification

OR10G2 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q8NGC3
Other Accession	NP_001005466.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**34297**
Antigen Region	**68-95**

OR10G2 Antibody (N-term) - Additional Information

Gene ID 26534

Other Names
Olfactory receptor 10G2, OR10G2

Target/Specificity
This OR10G2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 68-95 amino acids from the N-terminal region of human OR10G2.

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
OR10G2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR10G2 Antibody (N-term) - Protein Information

Name OR10G2

Function Odorant receptor.

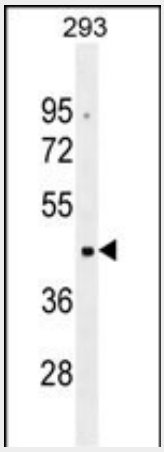
Cellular Location
Cell membrane; Multi-pass membrane protein.

OR10G2 Antibody (N-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

OR10G2 Antibody (N-term) - Images



OR10G2 Antibody (N-term) (Cat. #AP11343a) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the OR10G2 antibody detected the OR10G2 protein (arrow).

OR10G2 Antibody (N-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.

OR10G2 Antibody (N-term) - References

Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)
Boysen, C., et al. Genome Res. 7(4):330-338(1997)
Koop, B.F., et al. Genomics 19(3):478-493(1994)