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

OR7G1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11621a

Specification

OR7G1 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q8NGA0
Other Accession	NP_001005192.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**34803**
Antigen Region	**1-30**

OR7G1 Antibody (N-term) - Additional Information

Gene ID 125962

Other Names
Olfactory receptor 7G1, Olfactory receptor 19-15, OR19-15, Olfactory receptor OR19-8, OR7G1, OR7G1P

Target/Specificity
This OR7G1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human OR7G1.

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
OR7G1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR7G1 Antibody (N-term) - Protein Information

Name OR7G1

Synonyms OR7G1P

Function Odorant receptor.

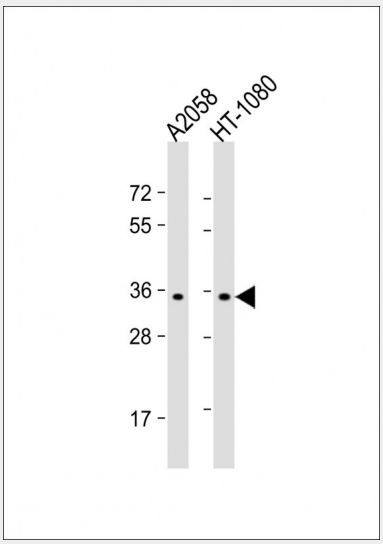
Cellular Location
Cell membrane; Multi-pass membrane protein.

OR7G1 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

OR7G1 Antibody (N-term) - Images



All lanes : Anti-OR7G1 Antibody (N-term) at 1:1000 dilution Lane 1: A2058 whole cell lysate Lane 2: HT-1080 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 : 35 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

OR7G1 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.

OR7G1 Antibody (N-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)