

Product Name: Olfactory receptor 8G2 Rabbit Polyclonal Antibody
Catalog #: APRab15326

Summary

Production Name	Olfactory receptor 8G2 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IF,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	OR8G2
Alternative Names	OR8G2; OR8G2P; OR8G4; Olfactory receptor 8G2; Olfactory receptor 8G4; Olfactory receptor OR11-297; Olfactory receptor TPCR120
Gene ID	26492.0
SwissProt ID	Q15614.The antiserum was produced against synthesized peptide derived from human OR8G2. AA range:237-286

Application

Dilution Ratio	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.
-----------------------	---

Product Name: Olfactory receptor 8G2 Rabbit Polyclonal Antibody
Catalog #: APRab15326

Molecular Weight 33kD

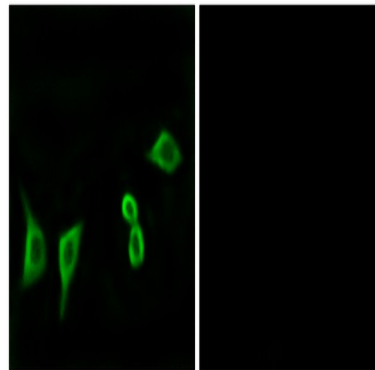
Background

olfactory receptor family 8 subfamily G member 2(OR8G2) Homo sapiens 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. [provided by RefSeq, Jul 2008],function:Odorant receptor ,similarity:Belongs to the G-protein coupled receptor 1 family,.

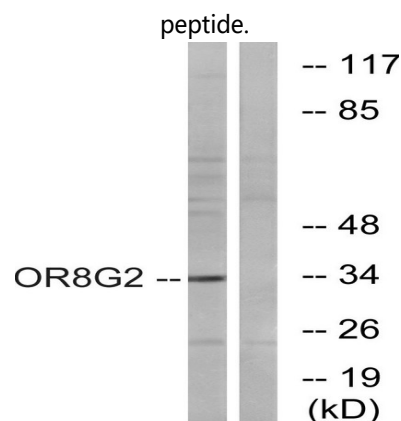
Research Area

Olfactory transduction;

Image Data



Immunofluorescence analysis of LOVO cells, using OR8G2 Antibody. The picture on the right is blocked with the synthesized



**Product Name: Olfactory receptor 8G2 Rabbit Polyclonal
Antibody**
Catalog #: APRab15326



Western blot analysis of lysates from HT-29 cells, using OR8G2 Antibody. The lane on the right is blocked with the synthesized peptide.

Note

For research use only.