



Olfactory receptor 8G1 Polyclonal Antibody

Catalog No	YP-Ab-13631
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IF;ELISA
Gene Name	OR8G1
Protein Name	Olfactory receptor 8G1
Immunogen	The antiserum was produced against synthesized peptide derived from human OR8G1. AA range:262-311
Specificity	Olfactory receptor 8G1 Polyclonal Antibody detects endogenous levels of Olfactory receptor 8G1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	OR8G1; OR8G1P; Olfactory receptor 8G1; Olfactory receptor OR11-281; Olfactory receptor TPCR25
Observed Band	35kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Pooled,Testis,
Function	function:Odorant receptor .,polymorphism:A stop codon in the gene coding for this protein at position Tyr-259 is responsible for functional diversity thus producing thus a pseudogene.,similarity:Belongs to the G-protein coupled receptor 1 family.,
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. This family member represents a polymorphic pseudogene, whereby some individuals have a



functional allele that encodes a full-length protein, while others have a non-functional allele due to t

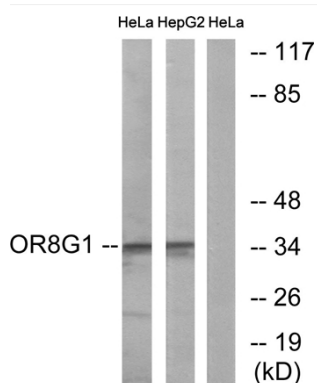
matters needing attention

Avoid repeated freezing and thawing!

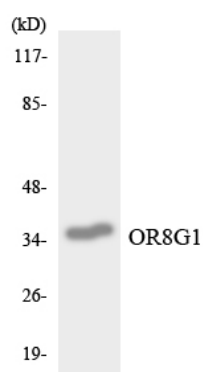
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from HeLa and HepG2 cells, using OR8G1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HT-29 cells using OR8G1 antibody.