



Olfactory receptor 51Q1 Polyclonal Antibody

Catalog No	YP-Ab-13559
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	IF;ELISA
Gene Name	OR51Q1
Immunogen	The antiserum was produced against synthesized peptide derived from human OR51Q1. AA range:268-317
Specificity	Olfactory receptor 51Q1 Polyclonal Antibody detects endogenous levels of Olfactory receptor 51Q1 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	Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Olfactory receptor 51Q1;OR51Q1
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	
Function	function:Odorant receptor .,polymorphism:A stop codon at position Arg-236 in the gene coding for this protein is responsible for functional diversity thus producing 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. [provided by RefSeq, Jul 2008],

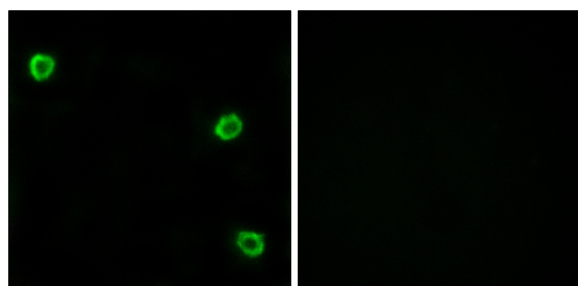
matters needing attention

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



Immunofluorescence analysis of LOVO cells, using OR51Q1 Antibody. The picture on the right is blocked with the synthesized peptide.