
Product Name: Olfactory receptor 10J5 Rabbit Polyclonal Antibody**Catalog #: APRab15145**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio ICC/IF 1:200-1:1000,ELISA 1:20000-1:40000

Molecular Weight

Antigen Information

Gene Name OR10J5

Alternative Names

Gene ID 127385.0

SwissProt ID Q6IFH2

Immunogen The antiserum was produced against synthesized peptide derived from human OR10J5. AA range:220-269

Background

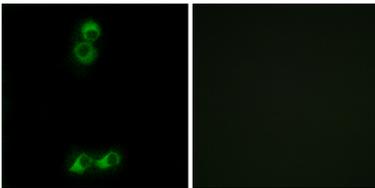
Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a

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. cell surface receptor linked signal transduction,G-protein coupled receptor protein signaling pathway,sensory perception,sensory perception of chemical stimulus,sensory perception of smell,neurological system process,cognition,

Research Area

Olfactory transduction;

Image Data



Immunofluorescence analysis of MCF7 cells, using OR10J5 Antibody. The picture on the right is blocked with the synthesized peptide.