

**Olfactory receptor 10J5 Polyclonal Antibody**

<b>Catalog No :</b>	YT3260
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	IF;ELISA
<b>Target :</b>	Olfactory receptor 10J5
<b>Gene Name :</b>	OR10J5
<b>Protein Name :</b>	Olfactory receptor 10J5
<b>Human Gene Id :</b>	127385
<b>Human Swiss Prot No :</b>	Q6IFH2
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human OR10J5. AA range:220-269
<b>Specificity :</b>	Olfactory receptor 10J5 Polyclonal Antibody detects endogenous levels of Olfactory receptor 10J5 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IF 1:200 - 1:1000. ELISA: 1:40000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	34kD
<b>Cell Pathway :</b>	Olfactory transduction;

**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.

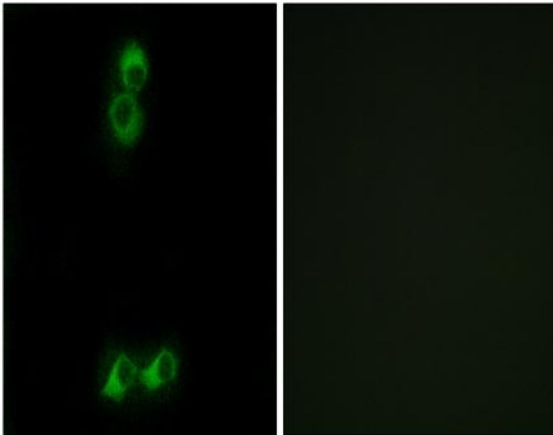
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**Function :**

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,

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## Products Images



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