

Olfactory receptor 2J2 Polyclonal Antibody

Catalog No :	YT3310
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IF;ELISA
Target :	Olfactory receptor 2J2
Fields :	>>Olfactory transduction
Gene Name :	OR2J2
Protein Name :	Olfactory receptor 2J2
Human Gene Id :	26707
Human Swiss Prot No :	O76002/Q5SUJ6/Q5SUJ7
Immunogen :	The antiserum was produced against synthesized peptide derived from human OR2J2. AA range:263-312
Specificity :	Olfactory receptor 2J2 Polyclonal Antibody detects endogenous levels of Olfactory receptor 2J2 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 35kD

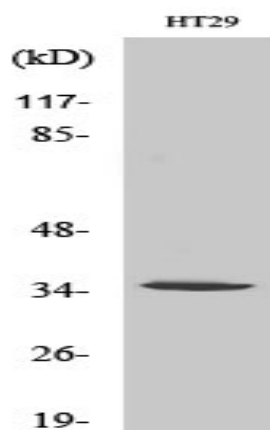
Cell Pathway : Olfactory transduction;

Background : olfactory receptor family 2 subfamily J member 2(OR2J2) 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],

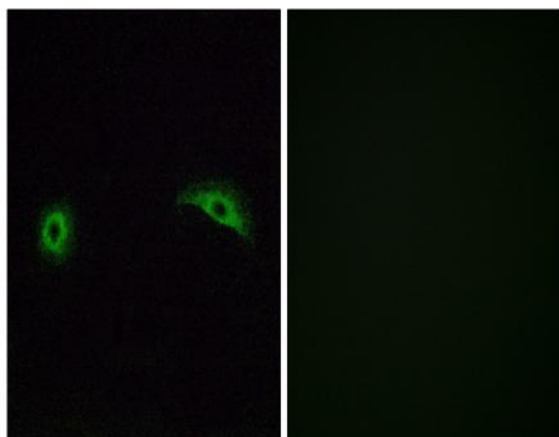
Function : function:Odorant receptor .,polymorphism:Three OR2J2 alleles are known: 6M1-6*01, 6M1-6*02 and 6M1-6*03. The sequence shown is that of allele 6M1-6*01.,similarity:Belongs to the G-protein coupled receptor 1 family.,

Subcellular Location : Cell membrane; Multi-pass membrane protein.

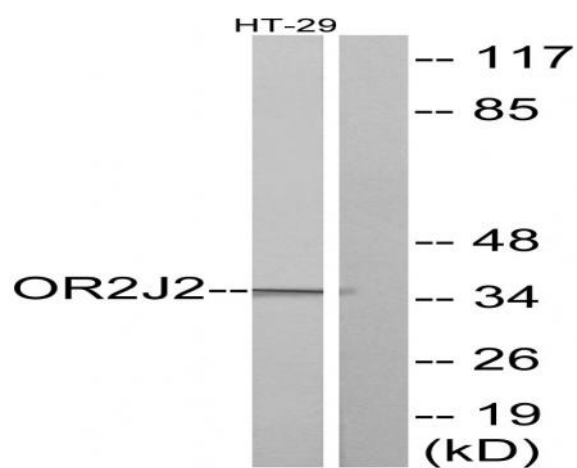
Products Images



Western Blot analysis of various cells using Olfactory receptor 2J2 Polyclonal Antibody



Immunofluorescence analysis of A549 cells, using OR2J2 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HT-29 cells, using OR2J2 Antibody. The lane on the right is blocked with the synthesized peptide.