

Olfactory receptor 8G5 Polyclonal Antibody

Catalog No :	YT3444
Reactivity :	Human
Applications :	WB;IF;ELISA
Target :	Olfactory receptor 8G5
Fields :	>>Olfactory transduction
Gene Name :	OR8G5
Protein Name :	Olfactory receptor 8G5
Human Gene Id :	219865
Human Swiss Prot No :	Q8NG78
Immunogen :	The antiserum was produced against synthesized peptide derived from human OR8G5. AA range:197-246
Specificity :	Olfactory receptor 8G5 Polyclonal Antibody detects endogenous levels of Olfactory receptor 8G5 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 : 30kD

Background : olfactory receptor family 8 subfamily G member 5(OR8G5) 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: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.,

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

Expression : Pooled,Testis,

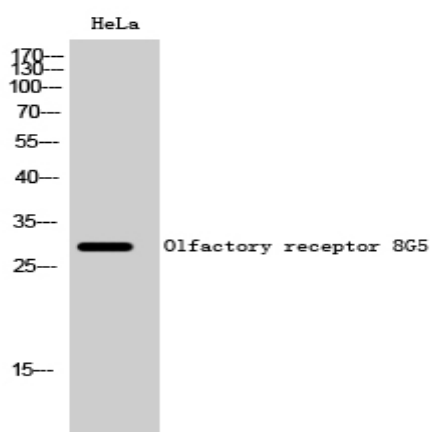
Sort : 11273

No4 : 1

Host : Rabbit

Modifications : Unmodified

Products Images



Western Blot analysis of HeLa cells using Olfactory receptor 8G5 Polyclonal Antibody

