Best Tools for immunology Research

Olfactory receptor 52D1 Polyclonal Antibody

Catalog No :	YT3377
Reactivity :	Human;Monkey
Applications :	WB;IF;ELISA
Target :	Olfactory receptor 52D1
Fields :	>>Olfactory transduction
Gene Name :	OR52D1
Protein Name :	Olfactory receptor 52D1
Human Gene Id :	390066
Human Swiss Prot No :	Q9H346
Immunogen :	The antiserum was produced against synthesized peptide derived from human OR52D1. AA range:269-318
Specificity :	Olfactory receptor 52D1 Polyclonal Antibody detects endogenous levels of Olfactory receptor 52D1 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: 1:5000. 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

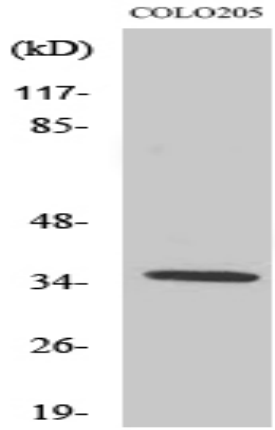
Cell Pathway : Olfactory transduction;

Background : Olfactory 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],

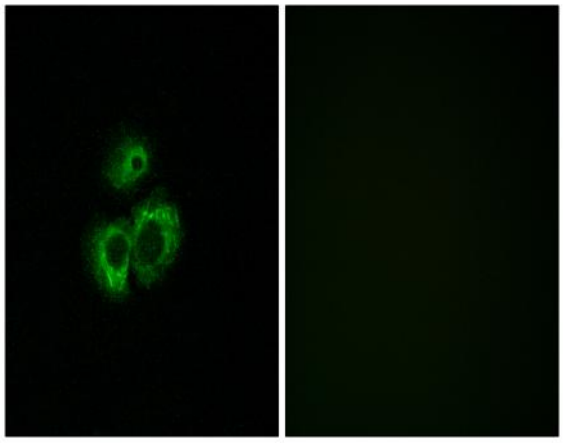
Function : function:Odorant receptor .,similarity:Belongs to the G-protein coupled receptor 1 family.,

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

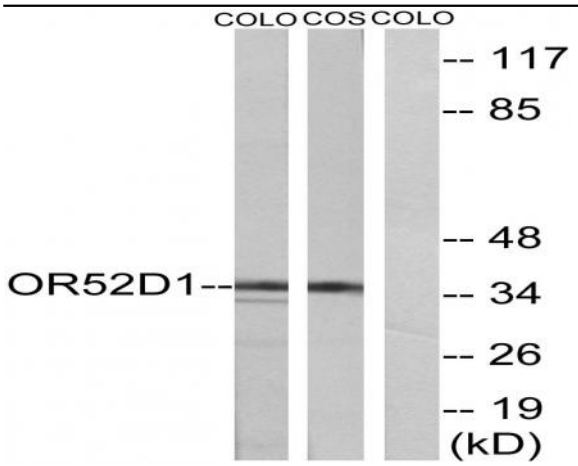
Products Images



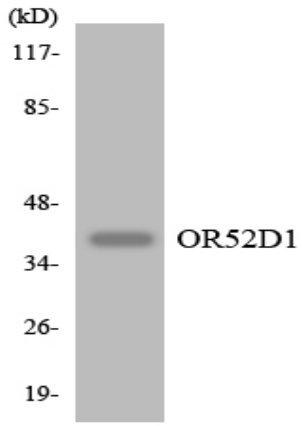
Western Blot analysis of various cells using Olfactory receptor 52D1 Polyclonal Antibody



Immunofluorescence analysis of MCF7 cells, using OR52D1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COLO and COS7 cells, using OR52D1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using OR52D1 antibody.