



Olfactory receptor 5D3 Polyclonal Antibody

Catalog No	YP-Ab-13591
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IF;ELISA
Gene Name	OR5D3
Immunogen	The antiserum was produced against synthesized peptide derived from human OR5D3. AA range:148-197
Specificity	Olfactory receptor 5D3 Polyclonal Antibody detects endogenous levels of Olfactory receptor 5D3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Olfactory receptor 5D3;OR5D3
Observed Band	27kD
Calculated Molecular Weight	27kD
Cell Pathway	
Tissue Specificity	
Function	
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.

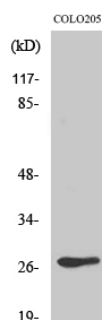
matters needing attention

Avoid repeated freezing and thawing!

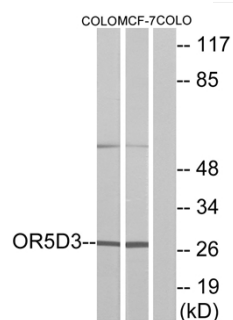
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

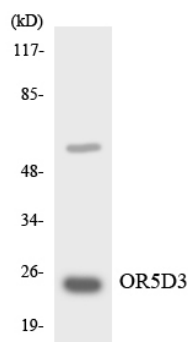
Products Images



Western Blot analysis of various cells using Olfactory receptor 5D3 Polyclonal Antibody diluted at 1:500



Western blot analysis of lysates from COLO205 cells and MCF-7 cells, using OR5D3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HT-29 cells using OR5D3 antibody.