

Product Name: Olfactory receptor 10D4 Rabbit Polyclonal Antibody
Catalog #: APRab15133

Summary

Production Name	Olfactory receptor 10D4 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IF, WB,
Reactivity	Human, Rat, Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	OR10D4P
Alternative Names	OR10D4P; OR10D4; Putative olfactory receptor 10D4
Gene ID	390266.0
SwissProt ID	Q8NGN7. The antiserum was produced against synthesized peptide derived from human OR10D4. AA range: 161-210

Application

Dilution Ratio	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.
Molecular Weight	38kD

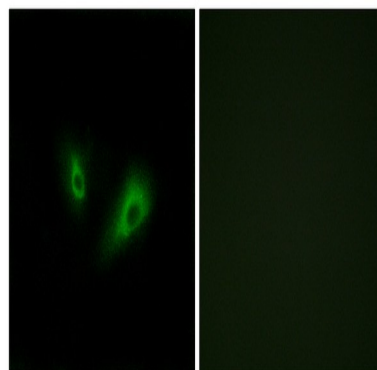
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Background

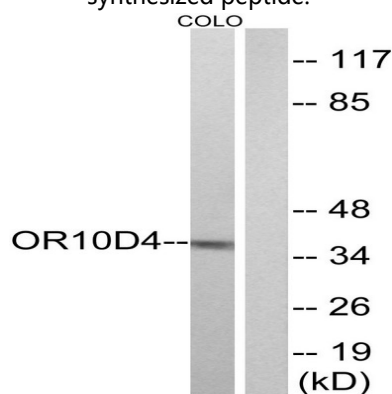
Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share 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],caution:Could be the product of a pseudogene.,function:Odorant receptor ,similarity:Belongs to the G-protein coupled receptor 1 family.,

Research Area

Image Data

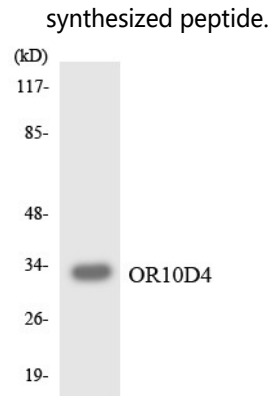


Immunofluorescence analysis of LOVO cells, using OR10D4 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COLO cells, using OR10D4 Antibody. The lane on the right is blocked with the

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Western blot analysis of the lysates from K562 cells using OR10D4 antibody.



Western Blot analysis of various cells using Olfactory receptor 10D4 Polyclonal Antibody

Note

For research use only.