Product Name: Olfactory receptor 2A5/14 Rabbit Polyclonal Antibody
Catalog #: APRab15175

EnkiLife

Summary

Production Name	Olfactory receptor 2A5/14 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
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	OR2A5/OR2A14
Alternative Names	OR2A14; OR2A14P; OR2A6; Olfactory receptor 2A14; OST182; Olfactory receptor 2A6; Olfactory receptor OR7-12; OR2A5; OR2A26; OR2A8; Olfactory receptor 2A5; Olfactory receptor 2A26; Olfactory receptor 2A8; Olfactory receptor 7-138/7-141; OR7-1
Gene ID	135941/393046
SwissProt ID	Q96R47/Q96R48.The antiserum was produced against synthesized peptide derived from human OR2A5/2A14. AA range:241-290

Application

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Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:5000
Molecular Weight	35kD

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:Odorant receptor .,similarity:Belongs to the G-protein coupled receptor 1 family.,
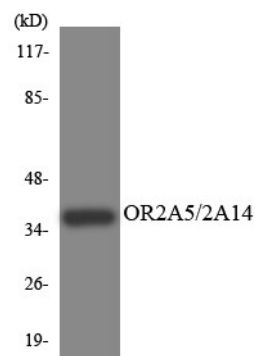
Research Area

Olfactory transduction;

Image Data
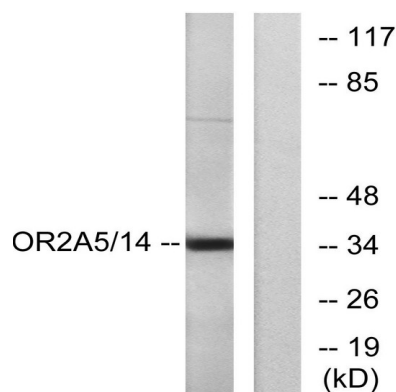
Western blot analysis of lysates from K562 cells, using OR2A5/2A14 Antibody. The lane on the right is blocked with the synthesized peptide.

Western blot analysis of the lysates from COLO205 cells using OR2A5/2A14 antibody.

Note
For research use only.