

Product Name: Olfactory receptor 2AK2 Rabbit Polyclonal Antibody**Catalog #: APRab15180**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio ICC/IF 1:200-1:1000,ELISA 1:5000-1:10000

Molecular Weight

Antigen Information

Gene Name	OR2AK2
Alternative Names	OR2AK2; OR2AK1P; Olfactory receptor 2AK2; Olfactory receptor 2AK1; Olfactory receptor OR1-47
Gene ID	391191.0
SwissProt ID	Q8NG84
Immunogen	The antiserum was produced against synthesized peptide derived from human OR2AK2. AA range:241-290

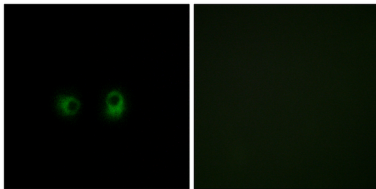
Background

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:It is uncertain whether Met-1 or Met-16 is the initiator.,function:Odorant receptor ,similarity:Belongs to the G-protein coupled receptor 1 family.,

Research Area

Olfactory transduction;

Image Data



Immunofluorescence analysis of COS7 cells, using OR2AK2 Antibody. The picture on the right is blocked with the synthesized peptide.