

Olfactory receptor 5AK3 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06498
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human OR5AK3P. AA range:241-290
Mol wt	33542
Species reactivity	Human, Monkey
Clonality	Polyclonal
Recommended application	WB, IF, ELISA
Concentration	1 mg/ml
Full name	Olfactory receptor 5AK3 Antibody
Synonyms	OR5AK3P; OR5AK3; Putative olfactory receptor 5AK3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

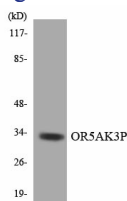
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

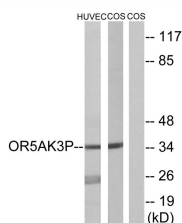
ELISA: 1: 5000

Not yet tested in other applications.

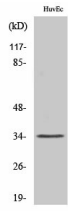
Images



Western blot analysis of the lysates from HepG2 cells using OR5AK3P antibody.



Western blot analysis of lysates from HUVEC and COS7 cells, using OR5AK3P Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Olfactory receptor 5AK3 Polyclonal Antibody

Storage

-20°C for one year

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