

Olfactory receptor 4A4/47 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06437
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human OR4A4. AA range:250-299
Mol wt	33593/34792
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IF, ELISA
Concentration	1 mg/ml
Full name	Olfactory receptor 4A4/47 Antibody
Synonyms	OR4A4P; Putative olfactory receptor 4A4; Olfactory receptor OR11-107; OR4A47; Olfactory receptor 4A47; Olfactory receptor OR11-113

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

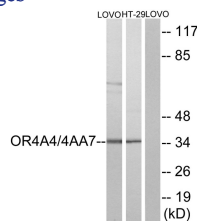
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

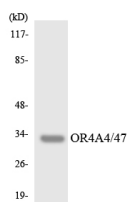
ELISA: 1: 20000

Not yet tested in other applications.

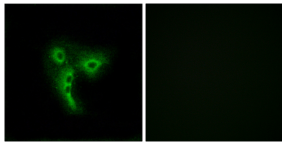
Images



Western blot analysis of lysates from LOVO cells and HT29 cells, using OR4A4/4A47 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HT-29 cells using OR4A4/47 antibody.



Immunofluorescence analysis of A549 cells, using OR4A4/4A47 Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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