BT LAB
Bioassay Technology Laboratory
Optimize Your Research

Olfactory receptor 5L1/2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06515
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human OR5L1/2. AA range:55-104
Mol wt	34559
Species reactivity	Human
Clonality	Polyclonal
Recommended application	IF, ELISA
Concentration	1 mg/ml
Full name	Olfactory receptor 5L1/2 Antibody
Synonyms	OR5L1; Olfactory receptor 5L1; OST262; Olfactory receptor OR11-151; OR5L2; Olfactory receptor 5L2; HTPCRX16; Olfactory receptor OR11-153

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. This olfactory receptor gene is a segregating pseudogene, where some individuals have an allele that encodes a functional olfactory receptor, while other individuals have an allele encoding a protein that is predicted to be non-functional.

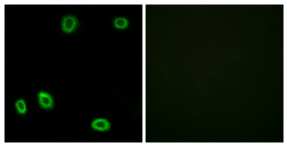
Recommended Dilution

IF: 1: 200 - 1: 1000

ELISA: 1: 5000

Not yet tested in other applications.

Images



Immunofluorescence analysis of HUVEC cells, using OR5L1/2 Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China
Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com