

Olfactory receptor 2A42 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06395
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human OR2A42. AA range:241-290
Mol wt	34714
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IF, ELISA
Concentration	1 mg/ml
Full name	Olfactory receptor 2A42 Antibody
Synonyms	OR2A1; OR2A42; Olfactory receptor 2A1/2A42; Olfactory receptor OR7-16; Olfactory receptor OR7-19

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

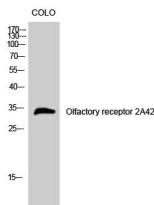
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

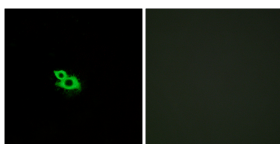
ELISA: 1: 5000

Not yet tested in other applications.

Images



Western Blot analysis of COLO cells using Olfactory receptor 2A42 Polyclonal Antibody



Immunofluorescence analysis of MCF7 cells, using OR2A42 Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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