

Olfactory receptor 5A2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06497
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human OR5A2. AA range:267-316
Mol wt	36016
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IF, ELISA
Concentration	1 mg/ml
Full name	Olfactory receptor 5A2 Antibody
Synonyms	OR5A2; Olfactory receptor 5A2; Olfactory receptor OR11-248

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

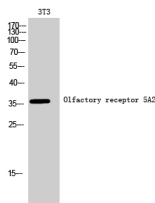
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

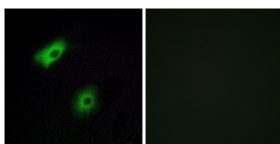
ELISA: 1: 10000

Not yet tested in other applications.

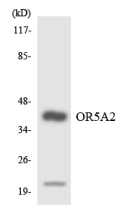
Images



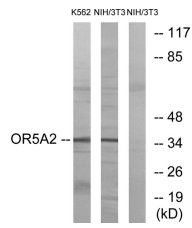
Western Blot analysis of 3T3 cells using Olfactory receptor 5A2 Polyclonal Antibody



Immunofluorescence analysis of A549 cells, using OR5A2 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from RAW264.7 cells using OR5A2 antibody.



Western blot analysis of lysates from NIH/3T3 and K562 cells, using OR5A2 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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