

Olfactory receptor 51G1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06470
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human OR51G1. AA range:199-248
Mol wt	36290
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IF, ELISA
Concentration	1 mg/ml
Full name	Olfactory receptor 51G1 Antibody
Synonyms	OR51G1; OR51G3P; Olfactory receptor 51G1; Olfactory receptor 51G3; Olfactory receptor OR11-29

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 OR51G1 (olfactory receptor family 51 subfamily G member 1 (gene/pseudogene)) 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

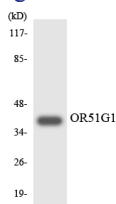
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

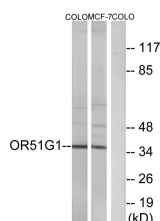
ELISA: 1: 5000

Not yet tested in other applications.

Images



Western blot analysis of the lysates from COLO205 cells using OR51G1 antibody.



Western blot analysis of lysates from COLO and MCF-7 cells, using OR51G1 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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