

Olfactory receptor 51B2 Polyclonal Antibody

Cat No: HR1AP4159

For research use only

Overview

Product Name	Olfactory receptor 51B2 Polyclonal Antibody
Source	Rabbit
Applications	WB,IF,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	38kDa
GeneID?Human?	OR51B2
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	OR51B2; OR51B1P; Olfactory receptor 51B2; Odorant receptor HOR5'beta3; Olfactory receptor 51B1
Background	olfactory receptor family 51 subfamily B member 2 (gene/pseudogene)(OR51B2) Homo sapiens 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