

# Immunotag™ Olfactory receptor 51F1 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT3363
Product Description	Immunotag™ Olfactory receptor 51F1 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Olfactory Rec. 51F1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human OR51F1. AA range:269-318
Specificity	Olfactory receptor 51F1 Polyclonal Antibody detects endogenous levels of Olfactory receptor 51F1 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	OR51F1
Accession No.	A6NGY5
Alternate Names	OR51F1; OR51F1P; Olfactory receptor 51F1

## Antibody Specification

Description	olfactory receptor family 51 subfamily F member 1 (gene/pseudogene)(OR51F1) 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
Subcellular Localization	plasma membrane,integral component of plasma membrane,integral component of membrane,
Protein Function	caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,similarity:Belongs to the G-protein coupled receptor 1 family.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.