



Anti-OR5B21 (aa 40-93) polyclonal antibody (DPAB-DC951)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	OR5B21 (NP_001005218, 40 a.a. ~ 93 a.a) partial recombinant protein with GST tag. The sequence is NGGMMVIIHSDSHLHTPMYFFLSNLSLVDLGYSSAVAPKTVAALRSGDKAISYD
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	OR5B21 olfactory receptor, family 5, subfamily B, member 21 [Homo sapiens (human)]
Official Symbol	OR5B21
Synonyms	OR5B21; olfactory receptor, family 5, subfamily B, member 21; olfactory receptor 5B21;
Entrez Gene ID	219968
Protein Refseq	NP_001005218
UniProt ID	A6NL26
Chromosome Location	11q12.1
Pathway	GPCR downstream signaling; Olfactory transduction; Signal Transduction.
Function	G-protein coupled receptor activity; olfactory receptor activity;