



Anti-OR13D1 (aa 2-56) polyclonal antibody (DPAB-DC1440)

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

PRODUCT INFORMATION

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| 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 | OR13D1 (NP_001004484, 2 a.a. ~ 56 a.a) partial recombinant protein with GST tag. The sequence is YRFTDFDVSNISIYLNHVLFYTTQQAGDLEHMETRNYSAMTEFFLVGLSQYPELQ |
| 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

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| Gene Name | OR13D1 olfactory receptor, family 13, subfamily D, member 1 [Homo sapiens (human)] |
| Official Symbol | OR13D1 |
| Synonyms | OR13D1; olfactory receptor, family 13, subfamily D, member 1; OR9-15; olfactory receptor 13D1; olfactory receptor OR9-15; |
| Entrez Gene ID | 286365 |
| Protein Refseq | NP_001004484 |
| UniProt ID | Q8NGV5 |
| Chromosome Location | 9q31.1 |
| Pathway | GPCR downstream signaling; Olfactory transduction; Signal Transduction; |
| Function | G-protein coupled receptor activity; olfactory receptor activity; |