



Anti-OR2C3 (aa 245-273) polyclonal antibody (DPABH-10546)

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

PRODUCT INFORMATION

Antigen Description	OR2C3 is an olfactory receptor. These 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
Immunogen	Synthetic peptide within Human OR2C3 aa 245-273 (C terminal) conjugated to Keyhole Limpet Haemocyanin (KLH). The exact sequence is proprietary. NP_932340.3Database link: Q8N628
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	100 µl
Buffer	Constituent: 99% PBS
Preservative	0.09% Sodium Azide

Storage	Shipped at 4°C. Store at 4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
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GENE INFORMATION

Gene Name	OR2C3 olfactory receptor, family 2, subfamily C, member 3 [Homo sapiens]
Official Symbol	OR2C3
Synonyms	OR2C3; olfactory receptor, family 2, subfamily C, member 3; olfactory receptor, family 2, subfamily C, member 4; OR2C4, OR2C5P; olfactory receptor 2C3; OST742; olfactory receptor 2C4; olfactory receptor 2C5; olfactory receptor OR1-30; olfactory receptor, family 2, subfamily C, member 4; olfactory receptor, family 2, subfamily C, member 5 pseudogene; OR2C4; OR2C5P;
Entrez Gene ID	81472
Protein Refseq	NP_932340
UniProt ID	Q8N628
Chromosome Location	1q44
Pathway	GPCR downstream signaling; Olfactory Signaling Pathway; Olfactory transduction; Signal Transduction; Signaling by GPCR;
Function	G-protein coupled receptor activity; olfactory receptor activity; receptor activity; signal transducer activity;