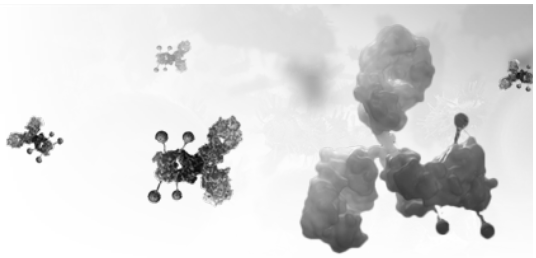

Anti-OR2T2 polyclonal antibody (DPAB-DC1867)

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.
Specificity	OR2T2/OR2T35 polyclonal antibody detects endogenous levels of OR2T2/OR2T35 protein.
Immunogen	A synthetic peptide corresponding to human OR2T2/OR2T35.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB (Cell lysate),
Format	Liquid
Concentration	1 mg/mL
Size	100 µl

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Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Preservative	0.05% Sodium Azide
Storage	Store at 4°C. For long term storage store at -20°C.Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	OR2T2 olfactory receptor, family 2, subfamily T, member 2 [Homo sapiens (human)]
Official Symbol	OR2T2
Synonyms	OR2T2; olfactory receptor, family 2, subfamily T, member 2; OR1-43; OR2T2P; olfactory receptor 2T2; olfactory receptor OR1-43; olfactory receptor, family 2, subfamily T, member 2 pseudogene;
Entrez Gene ID	401992
Protein Refseq	NP_001004136
UniProt ID	Q6IF00
Chromosome Location	1q44
Pathway	GPCR downstream signaling; Olfactory transduction; Signal Transduction;
Function	G-protein coupled receptor activity; olfactory receptor activity;

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