



Anti-OR10A6 monoclonal antibody (DCABH-201081)

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.
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Immunogen	A synthetic peptide of human OR10A6 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	WB, ELISA
Size	1 mg
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	OR10A6 olfactory receptor, family 10, subfamily A, member 6 [Homo sapiens (human)]
Official Symbol	OR10A6
Synonyms	OR10A6; olfactory receptor, family 10, subfamily A, member 6; OR11-96; olfactory receptor 10A6; olfactory receptor OR11-96;
Entrez Gene ID	390093
Protein Refseq	NP_001004461
UniProt ID	Q8NH74
Chromosome Location	11p15.4
Pathway	GPCR downstream signaling; Olfactory Signaling Pathway; Olfactory transduction; Signal Transduction; Signaling by GPCR;
Function	G-protein coupled receptor activity; olfactory receptor activity;