



Anti-OR2T1 (internal region) polyclonal antibody (CABT-BL2809)

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

PRODUCT INFORMATION

Immunogen	Synthetic peptide derived from the internal region of human OR2T1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, ELISA, ICC/IF
Cellular Localization	Cell membrane; Multi-pass membrane protein.
Format	Liquid
Buffer	50% Glycerol, PBS (without Mg ²⁺ and Ca ²⁺), 150mM Sodium chloride, pH 7.4
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Stable for 12 months at -20°C

BACKGROUND

Introduction	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
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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.

GENE INFORMATION

Entrez Gene ID	26696
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Protein Refseq	NP_112166
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UniProt ID	O43869
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