



Anti-OLFR554 polyclonal antibody (CABT-BL2742)

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

PRODUCT INFORMATION

Immunogen	A synthetic peptide as a part of mouse Olfr554 conjugated to immunogenic carrier protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Purification	Whole antiserum
Conjugate	Unconjugated
Applications	WB, IHC-P, IHC-Fr
Reconstitution	Add 100 µl of distilled water for a final concentration of 2 mg/ml.
Cellular Localization	Cell membrane; Multi-pass membrane protein
Format	Liquid
Buffer	PBS, Whole serum
Preservative	None
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C (add glycerol to a final volume of 40% for extra stability). Avoid repeated freeze / thaw cycles.

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 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	258322
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Protein Refseq	NP_666437
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UniProt ID	E9Q546
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