



Olfactory receptor 56A3 rabbit pAb

Cat#: orb768926 (Manual)

For research use only. Not intended for diagnostic use.

Product Name Olfactory receptor 56A3 rabbit pAb

Host species Rabbit

Applications IF;ELISA

Species Cross-Reactivity Human; Rat; Mouse;

Recommended dilutions Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in

other applications.

Immunogen The antiserum was produced against synthesized peptide derived from

human OR56A3. AA range:266-315

Specificity Olfactory receptor 56A3 Polyclonal Antibody detects endogenous levels of

Olfactory receptor 56A3 protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium

azide..

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Olfactory receptor 56A3

Gene Name OR56A3

Cellular localization Cell membrane; Multi-pass membrane protein.

Purification The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Clonality Polyclonal





Concentration 1 mg/ml

Observed band

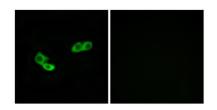
Human Gene ID 390083

Human Swiss-Prot Number Q8NH54

Alternative Names OR56A3; OR56A3P; OR56A6; Olfactory receptor 56A3; Olfactory receptor

Background 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. [provided by RefSeq, Jul 2008],



Immunofluorescence analysis of LOVO cells, using OR56A3 Antibody. The picture on the right is blocked with the synthesized peptide.