

AP53055PU-N**Polyclonal Antibody to OR4F5 (N-term) - Aff - Purified**

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|--------------------------|---|
| Alternate names: | Olfactory receptor 4F5 |
| Quantity: | 0.4 ml |
| Concentration: | lot specific |
| 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. |
| Uniprot ID: | Q8NH21 |
| NCBI: | NP_001005484 |
| GeneID: | 79501 |
| Host / Isotype: | Rabbit / Ig |
| Immunogen: | KLH conjugated synthetic peptide between 60-90 amino acids from the N-terminal region of human OR4F5 |
| Format: | State: Liquid purified Ig fraction Purification: Protein A column, followed by peptide affinity purification Buffer System: PBS containing 0.09% (W/V) Sodium Azide as preservative |
| Applications: | ELISA: 1/1000. Western Blot: 1/100-1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. |
| Specificity: | This antibody recognizes Human OR4F5 (N-term). |
| Add. Information: | Molecular Weight: 34330 Da |
| Storage: | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch. |
| General Readings: | Gregory, S.G., et al. Nature 441(7091):315-321(2006) |

Pictures:

Western blot analysis of OR4F5 Antibody (N-term) Cat.-No AP53055PU-N in A549 cell line lysates (35ug/lane). This demonstrates the OR4F5 antibody detected the OR4F5 protein (arrow).

