

OR5W2 Polyclonal Antibody

Catalog NumberPA5-39661

Product data sheet

| Details | | Tested Applications | Dilution * |
|--------------------|---|--|---------------|
| Size | 100 µg | Western Blot (WB) | 1:500-1:1,000 |
| Host/Isotope | Rabbit / IgG | Immunocytochemistry (ICC/IF) | 1:100-1:500 |
| Class | Polyclonal | * Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls. | |
| Type | Antibody | | |
| Immunogen | A synthetic peptide derived from the internal region of human OR5W2 | | |
| Conjugate | Unconjugated | | |
| Form | Liquid | | |
| Concentration | 1 mg/mL | | |
| Storage Conditions | -20°C | | |

Background/Target Information

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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