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OR1Q1 Polyclonal Antibody

Catalog Number **OSR00262W**

Product data sheet

Details	
Size	100 µL
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Immunogen	A synthetic peptide from aa region 200-250 of human olfactory receptor OR1Q1 (OR1Q2, OR1Q3, OR9-A, OR9-25) conjugated to blue carrier protein was used as the antigen.
Conjugate	Unconjugated
Form	Lyophilized
Concentration	Conc. Not Determined
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. Glycerol (1:1) may be added for added stability.

Species Reactivity	
Species reactivity	Human

Tested Applications	Dilution *
Immunohistochemistry (IHC)	1:300-1:2,000
Western Blot (WB)	1:300-1:2,000

* 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.

Product specific information

Reconstitute with 100 µL of distilled water.

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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