

Olfr544 Polyclonal Antibody

Catalog Number **OSR00016W**

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Mouse
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (IHC)	1:300-1:2,000
Type	Antibody	Western Blot (WB)	1:300-1:2,000
Immunogen	A synthetic peptide from mouse olfactory receptor family 42, subfamily 3 (MOR42-3) conjugated to an immunogenic 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.		

* 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. Centrifuge to remove any insoluble material. OSR00016W can be used with blocking peptide GSM00020P.

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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