

OR8G2 Polyclonal Antibody

Catalog NumberPA5-39860

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Western Blot (WB)	1:500-1:1,000
Type	Antibody	Immunocytochemistry (ICC/IF)	1:100-1:500
Immunogen	A synthetic peptide derived from the internal region of human OR8G2		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Storage Conditions	-20°C		

\* 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.

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.

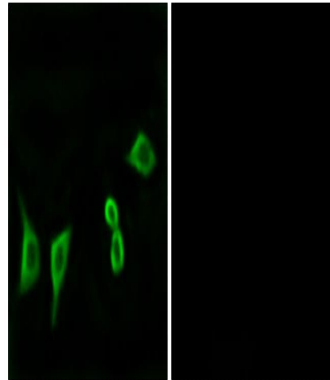
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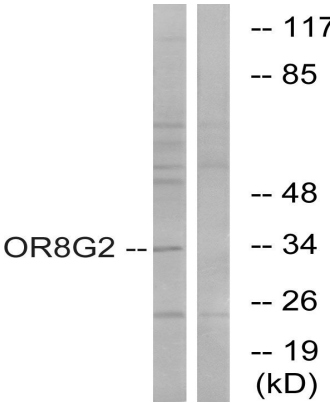
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Product Images For OR8G2 Polyclonal Antibody



**OR8G2 Antibody (PA5-39860) in ICC/IF**  
Immunofluorescent analysis of OR8G2 in LOVO cells using an OR8G2 polyclonal antibody (Product # PA5-39860).



**OR8G2 Antibody (PA5-39860) in WB**  
Western blot analysis of OR8G2 in extracts from HT-29 cells using an OR8G2 polyclonal antibody (Product # PA5-39860).

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