

Product datasheet for **TA342696**

OR1G1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-OR1G1 antibody: synthetic peptide directed towards the C terminal of human OR1G1. Synthetic peptide located within the following region: FSSPSTHSAQKDTVASVMYTVTPMLNPFYSLRNQEIKSSLRKLIVVRK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	35 kDa
Gene Name:	olfactory receptor family 1 subfamily G member 1
Database Link:	NP_003546 Entrez Gene 8390 Human P47890
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.



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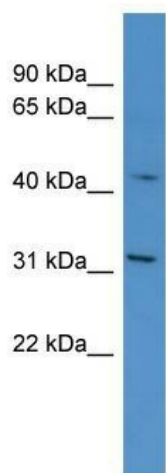
Synonyms: OR1G2; OR17-130; OR17-209

Note: Immunogen Sequence Homology: Human: 100%; Dog: 86%; Pig: 86%; Rat: 86%; Horse: 86%; Mouse: 86%; Guinea pig: 86%; Bovine: 85%; Rabbit: 85%

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Olfactory transduction

Product images:



WB Suggested Anti-OR1G1 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive
Control: A549 cell lysate OR1G1 is supported by
BioGPS gene expression data to be expressed in
A549