

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product datasheet for TA337518

OR5B12 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
lsotype:	lgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-OR5B12 antibody is: synthetic peptide directed towards the C- terminal region of Human OR5B12. Synthetic peptide located within the following region: EMVIFFVVGFNDLFSILVILISYLFIFITIMKMRSPEGRQKAFSTCASHL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Purification:	Affinity Purified
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 5 subfamily B member 12
Database Link:	<u>NP_001004733</u> <u>Entrez Gene 390191 Human</u> <u>Q96R08</u>

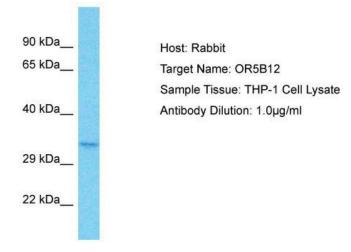


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GRIGENE OR5B12 Rabbit Polyclonal Antibody – TA337518

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.
Synonyms:	OR5B12P; OR5B16; OR11-241; OST743
Note:	lmmunogen Sequence Homology: Rat: 100%; Human: 100%; Pig: 93%; Horse: 93%; Mouse: 93%; Bovine: 93%; Rabbit: 93%; Dog: 92%; Guinea pig: 92%
Protein Families:	Transmembrane
Protein Pathways:	Olfactory transduction

Product images:



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Host: Rabbit; Target Name: OR5B12; Sample

Tissue: THP-1 Whole Cell lysates; Antibody

Dilution: 1.0 ug/ml