

#### OriGene Technologies, Inc.

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# Product datasheet for TA332293

### **OR8D4 Rabbit Polyclonal Antibody**

#### **Product data:**

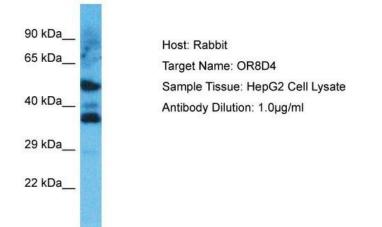
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
lsotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-OR8D4 Antibody is: synthetic peptide directed towards the C- terminal region of Human OR8D4. Synthetic peptide located within the following region: LKPASSSSLTQEKVSSVFYTTVILMLNPLIYSLRNNEVRNALMKLLRRKI
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.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	34 kDa
Gene Name:	olfactory receptor family 8 subfamily D member 4
Database Link:	<u>NP_001005197</u> <u>Entrez Gene 338662 Human</u> <u>Q8NGM9</u>
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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	OR8D4 Rabbit Polyclonal Antibody – TA332293
Synonyms:	OR11-275
Note:	Immunogen sequence homology: Human: 100%; Dog: 92%; Pig: 92%; Rat: 92%; Horse: 92%; Mouse: 92%; Bovine: 92%; Rabbit: 92%; Guinea pig: 92%
Protein Families	: Transmembrane
Protein Pathway	s: Olfactory transduction

## **Product images:**



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Host: Rabbit; Target Name: OR8D4; Sample

Tissue: HepG2 Whole Cell lysates; Antibody

Dilution: 1.0ug/ml