

Product datasheet for **TA334810**

OR4S2 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-OR4S2 antibody is: synthetic peptide directed towards the C-terminal region of Human OR4S2. Synthetic peptide located within the following region: VVTANS GTIALGGSFVILLISYSIILVSLRKQSAEGRRKALSTCGSHIAMV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
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 4 subfamily 5 member 2
Database Link:	NP_001004059 Entrez Gene 219431 Human Q8NH73



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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:	OR4S2P; OR11-137; OST725
Note:	Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%
Protein Families:	Transmembrane
Protein Pathways:	Olfactory transduction

Product images:

Host: Rabbit
Target Name: OR4S2
Sample Tissue: OVCAR-3 Cell Lysate
Antibody Dilution: 1.0 μ g/ml

Host: Rabbit; Target Name: OR4S2; Sample Tissue: OVCAR-3 Whole Cell lysates; Antibody Dilution: 1.0 ug/ml