

## **Product datasheet for TA334810**

## **OR4S2 Rabbit Polyclonal Antibody**

**Product data:** 

**Product Type:** Primary Antibodies

Applications: WE

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:

VVTANSGTIALGSFVILLISYSIILVSLRKQSAEGRRKALSTCGSHIAMV

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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## **OR4S2 Rabbit Polyclonal Antibody - TA334810**

**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

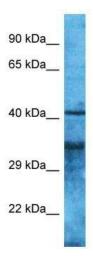
Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:

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: 1.0µg/ml

Host: Rabbit; Target Name: OR4S2; Sample Tissue: OVCAR-3 Whole Cell lysates; Antibody

Dilution: 1.0 ug/ml