

Product datasheet for TA342704

OR2A5 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-OR2A5 antibody: synthetic peptide directed towards the C terminal

of human OR2A5. Synthetic peptide located within the following region:

ILAAILRIQSGEGRRKAFSTCSSHLCMVGLFFGSAIVMYMAPKSRHPEEQ

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: 35 kDa

Gene Name: olfactory receptor family 2 subfamily A member 5

Database Link: NP 036497

Entrez Gene 393046 Human

Q96R48

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 codingexon 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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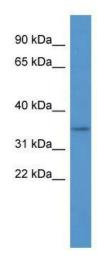
Synonyms: OR2A8; OR2A11P; OR2A26; OR7-138; OR7-141

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

100%; Mouse: 100%; Guinea pig: 100%; Bovine: 93%; Rabbit: 93%

Protein Pathways: Olfactory transduction

Product images:



WB Suggested Anti-OR2A5 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive

Control: HT1080 cell lysate