

## Rabbit anti-Human, Mouse Olfactory Receptor 2A42 Polyclonal Antibody | anti-OR2A42 antibody

Olfactory Receptor 2A42 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA322578 | Rabbit | Human, Mouse | ELISA, Immunohistochemistry, Western Blot |

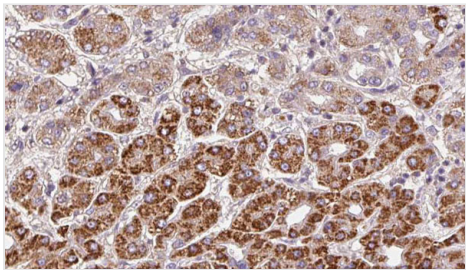
### PRODUCT SYNONYMS

Olfactory Receptor 2A42; Polyclonal Antibody; Olfactory Receptor 2A42 Antibody; Olfactory receptor 2A1/2A42; Olfactory receptor family 2 subfamily A member 1; Olfactory receptor family 2 subfamily A member 42; Olfactory receptor OR7-16; Olfactory receptor OR7-19; OR2A1; OR2A1\_HUMAN; OR2A42; anti-OR2A42 antibody

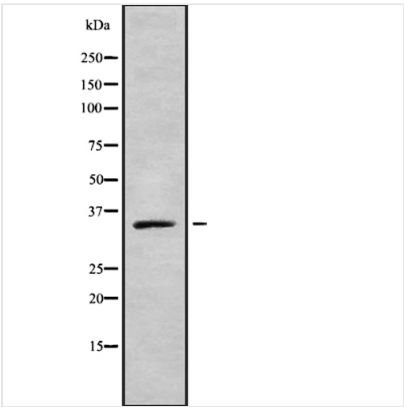
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                               |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                        |
| Reactivity                                       | Human, Mouse                                                                                  |
| Clonality                                        | Polyclonal                                                                                    |
| Isotype                                          | IgG                                                                                           |
| Specificity                                      | Olfactory receptor 2A42 antibody detects endogenous levels of total Olfactory receptor 2A42   |
| Purity/Purification                              | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin. |
| Form/Format                                      | Liquid<br>Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                    | 1mg/ml (varies by lot)                                                                        |
| Sequence Length                                  | 310                                                                                           |
| Applicable Applications for anti-OR2A42 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                          |
| Immunogen                                        | A synthesized peptide derived from human Olfactory receptor 2A42                              |
| Subcellular Location                             | Cell Membrane                                                                                 |
| Conjugation                                      | Unconjugated                                                                                  |
| Preparation and Storage                          | Store at -20 degree C. Stable for 12 months from date of receipt.                             |

IMAGES



**IHC (Immunohiostchemistry)**  
AAA322578 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



**WB (Western Blot)**  
Western blot analysis Olfactory receptor 2A42 using COLO whole cell lysates

ADDITIONAL INFORMATION

|                                                      |                                                                                                |
|------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Related Product Information for anti-OR2A42 antibody | Function: Odorant receptor.<br>Similarity: Belongs to the G-protein coupled receptor 1 family. |
|------------------------------------------------------|------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                   |
|----------------------------------|---------------------------------------------------|
| NCBI GI #                        | 333360869                                         |
| NCBI GeneID                      | 402317                                            |
| NCBI Accession #                 | NP_001001802.2                                    |
| NCBI GenBank Nucleotide #        | NM_001001802.2                                    |
| UniProt Accession #              | Q8NGT9; Q6IF44; Q96R46                            |
| Molecular Weight                 | Observed: 34 kDa<br>Predicted: 35 kDa             |
| NCBI Official Full Name          | olfactory receptor 2A1/2A42                       |
| NCBI Official Synonym Full Names | olfactory receptor family 2 subfamily A member 42 |
| NCBI Official Symbol             | OR2A42                                            |
| NCBI Protein Information         | olfactory receptor 2A1/2A42                       |
| UniProt Protein Name             | Olfactory receptor 2A1/2A42                       |
| UniProt Gene Name                | OR2A1                                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/olfactory-receptor-2a42-antibody-immunohistochemistry-western-blot-elisa/322578>