

## Rabbit anti-Human OR4A4/4A47 Polyclonal Antibody | anti-OR4A4/4A47 antibody

OR4A4/4A47 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                            |
|-----------|--------|------------|-----------------------------------------|
| AAA318189 | Rabbit | Human      | ELISA, Immunofluorescence, Western Blot |

### PRODUCT SYNONYMS

OR4A4/4A47; Polyclonal Antibody; OR4A4/4A47 Antibody; anti-OR4A4/4A47 antibody

### PRODUCT SPECIFICATIONS

|                                                      |                                                                                                                           |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Host                                                 | Rabbit                                                                                                                    |
| Reactivity                                           | Human                                                                                                                     |
| Clonality                                            | Polyclonal                                                                                                                |
| Specificity                                          | OR4A4/4A47 Antibody detects endogenous levels of total OR4A4/4A47 protein.                                                |
| Purity/Purification                                  | Purified from rabbit antiserum by affinity-chromatography using immunogen.                                                |
| Form/Format                                          | Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                        | 1 mg/ml (varies by lot)                                                                                                   |
| Sequence Length                                      | 299                                                                                                                       |
| Applicable Applications for anti-OR4A4/4A47 antibody | ELISA, IF (Immunofluorescence), WB (Western Blot)                                                                         |
| Target Modification                                  | Unmodified/Total                                                                                                          |
| Immunogen                                            | The antiserum was produced against synthesized peptide derived from human OR4A4.                                          |
| Immunogen Range                                      | 250-299                                                                                                                   |
| Preparation and Storage                              | Stable at -20 degree C for at least 1 year.                                                                               |

### IMAGES



#### WB (Western Blot)

Western blot analysis of lysates from LOVO cells and HT29 cells, using OR4A4/4A47 Antibody. The lane on the right is blocked with the synthesized peptide.



#### IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells, using OR4A4/4A47 Antibody. The picture on the right is blocked with the synthesized peptide.

### NCBI AND UNIPROT INFORMATION

|                     |                        |
|---------------------|------------------------|
| NCBI GI #           | 38372738               |
| NCBI GeneID         | 390134                 |
| UniProt Accession # | Q8NGN8; Q6IF83; Q96R66 |
| Molecular Weight    | 33 kDa                 |

|                                  |                                                             |
|----------------------------------|-------------------------------------------------------------|
| NCBI Official Full Name          | Putative olfactory receptor 4A4                             |
| NCBI Official Synonym Full Names | olfactory receptor family 4 subfamily A member 4 pseudogene |
| NCBI Official Symbol             | OR4A4P                                                      |
| NCBI Official Synonym Symbols    | OR4A4                                                       |
| UniProt Protein Name             | Putative olfactory receptor 4A4                             |
| UniProt Gene Name                | <b>OR4A4P</b>                                               |

**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://stage.aaabiotech.com/polyclonal/or4a4-4a47-antibody-immunofluorescence-western-blot-elisa/318189>