

## Rabbit anti-Human, Rat 5-HT5A Polyclonal Antibody | anti-5-HT5A antibody

Anti-5-HT5A Antibody

|                               |                       |                                 |                                                         |
|-------------------------------|-----------------------|---------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA293260</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|---------------------------------|---------------------------------------------------------|

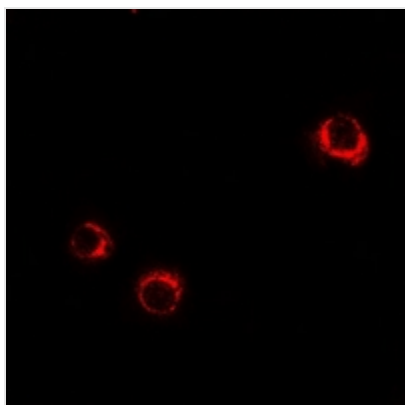
### PRODUCT SYNONYMS

5-HT5A; Polyclonal Antibody; Anti-5-HT5A Antibody; 5-hydroxytryptamine receptor 5A; 5-HT-5; 5-HT-5A; Serotonin receptor 5A; anti-5-HT5A antibody

### PRODUCT SPECIFICATIONS

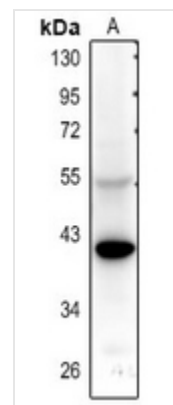
|                                                  |                                                                                                                                                       |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                |
| Reactivity                                       | Human, Rat                                                                                                                                            |
| Clonality                                        | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-5-HT5A antibody | IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)                                                                                      |
| Preparation and Storage                          | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



#### IF (Immunofluorescence)

Dilution: IF WB (1/500 - 1/1000), IF/IC (1/100 - 1/500) Immunofluorescent analysis of 5-HT5A staining in LOVO cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



#### WB (Western Blot)

Dilution: WB (1/500 - 1/1000), IF/IC (1/100 - 1/500) Western blot analysis of 5-HT5A expression in rat kidney (A) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                               |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-5-HT5A antibody | Rabbit polyclonal antibody to 5-HT5A<br>KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human 5-HT5A. The exact sequence is proprietary. |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|           |          |
|-----------|----------|
| NCBI GI # | 13236497 |
|-----------|----------|

|                                  |                                                                         |
|----------------------------------|-------------------------------------------------------------------------|
| NCBI GeneID                      | 3361                                                                    |
| NCBI Accession #                 | NP_076917.1                                                             |
| NCBI GenBank Nucleotide #        | NM_024012.3                                                             |
| UniProt Accession #              | P47898; Q2M2D2                                                          |
| Molecular Weight                 | 40,255 Da                                                               |
| NCBI Official Full Name          | 5-hydroxytryptamine receptor 5A                                         |
| NCBI Official Synonym Full Names | 5-hydroxytryptamine (serotonin) receptor 5A, G protein-coupled          |
| NCBI Official Symbol             | HTR5A                                                                   |
| NCBI Official Synonym Symbols    | 5-HT5A                                                                  |
| NCBI Protein Information         | 5-hydroxytryptamine receptor 5A; 5-HT-5; 5-HT-5A; serotonin receptor 5A |
| UniProt Protein Name             | 5-hydroxytryptamine receptor 5A                                         |
| UniProt Gene Name                | <b>HTR5A</b>                                                            |
| UniProt Synonym Gene Names       | 5-HT-5; 5-HT-5A; 5-HT5A                                                 |
| UniProt Entry Name               | 5HT5A_HUMAN                                                             |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/polyclonal/5-ht5a-antibody-immunochemistry-immunofluorescence-western-blot-elisa/293260>