

**Anti-5-HT5A Antibody**  
**Rabbit polyclonal antibody to 5-HT5A**  
**Catalog # AP61351****Specification**

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**Anti-5-HT5A Antibody - Product Information**

Application	WB, IF
Primary Accession	<a href="#">P47898</a>
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40255

**Anti-5-HT5A Antibody - Additional Information****Gene ID** 3361**Other Names**

5-hydroxytryptamine receptor 5A; 5-HT-5; 5-HT-5A; 5-HT5A; Serotonin receptor 5A

**Target/Specificity**

Recognizes endogenous levels of 5-HT5A protein.

**Dilution**

WB~~WB (1/500 - 1/1000), IF/IC (1/100 - 1/500)

IF~~WB (1/500 - 1/1000), IF/IC (1/100 - 1/500)

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-5-HT5A Antibody - Protein Information****Name** HTR5A**Function**

This is one of the several different receptors for 5- hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. The activity of this receptor is mediated by G proteins.

**Cellular Location**

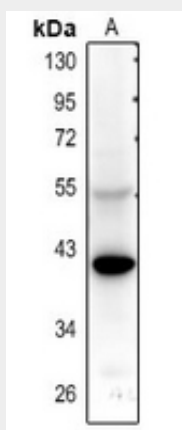
Cell membrane; Multi-pass membrane protein.

## Anti-5-HT5A Antibody - Protocols

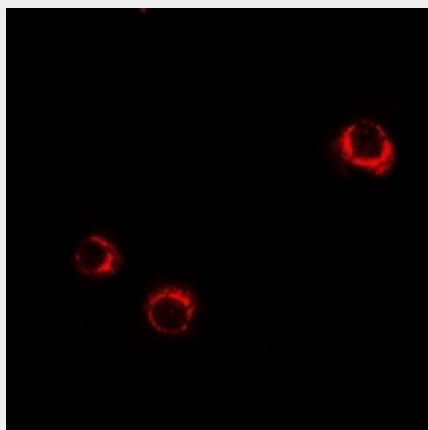
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-5-HT5A Antibody - Images



Western blot analysis of 5-HT5A expression in rat kidney (A) whole cell lysates.



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 °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.

## Anti-5-HT5A Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human 5-HT5A. The exact sequence is proprietary.