

## SR-5A Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP08542
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human HTR5A. AA range:15-64
Mol wt	40255
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IF, ELISA
Concentration	1 mg/ml
Full name	SR-5A Antibody
Synonyms	HTR5A; 5-hydroxytryptamine receptor 5A; 5-HT-5; 5-HT-5A; 5-HT5A; Serotonin receptor 5A

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

The neurotransmitter serotonin (5-hydroxytryptamine, 5-HT) has been implicated in a wide range of psychiatric conditions and also has vasoconstrictive and vasodilatory effects. The HTR5A described in this record is a member of 5-hydroxytryptamine (serotonin) receptor family and encodes a multi-pass membrane protein that functions as a receptor for 5-hydroxytryptamine and couples to G-proteins. This protein has been shown to function in part through the regulation of intracellular Ca<sup>2+</sup> mobilization.

### Recommended Dilution

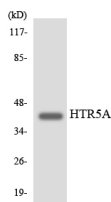
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

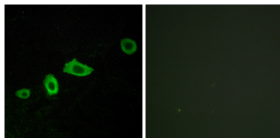
ELISA: 1: 10000

Not yet tested in other applications.

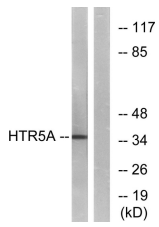
### Images



Western blot analysis of the lysates from HepG2 cells using HTR5A antibody.



Immunofluorescence analysis of LOVO cells, using HTR5A Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat cells, using HTR5A Antibody. The lane on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year

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