

# Product Datasheet

## 5-HT2A Antibody NBP2-26091

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-26091****5-HT2A Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

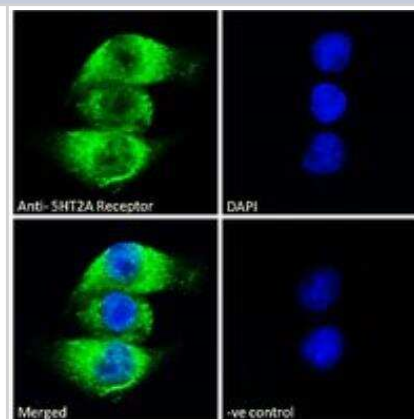
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Goat 5-HT2A Antibody (NBP2-26091) is a polyclonal antibody validated for use in IHC, ELISA, Flow and ICC/IF. Anti-5-HT2A Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	3356
<b>Gene Symbol</b>	HTR2A
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This antibody is expected to recognize both reported isoforms (NP_000612.1; NP_001159419.1).
<b>Immunogen</b>	Peptide with sequence C-QRSIHREPGSYTGR corresponding to internal region according to NP_000612.1, NP_001159419.1.

<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Peptide ELISA
<b>Recommended Dilutions</b>	Flow Cytometry 10 ug/mL, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 10 ug/mL, Immunohistochemistry-Paraffin 2 ug/mL, Peptide ELISA Detection limit 1:128000



## Images

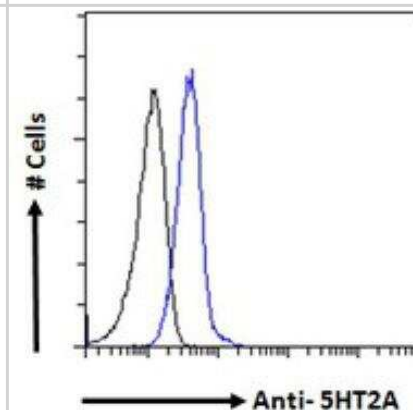
**Immunocytochemistry/Immunofluorescence: 5-HT2A Antibody [NBP2-26091]** - Immunofluorescence analysis of paraformaldehyde fixed A549 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



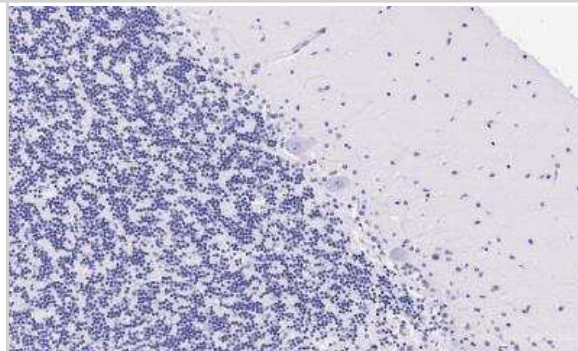
**Immunohistochemistry-Paraffin: 5-HT2A Antibody [NBP2-26091]** - Staining of paraffin embedded Human Cerebellum. Antibody at 2 ug/mL. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.



**Flow Cytometry: 5-HT2A Antibody [NBP2-26091]** - Flow cytometric analysis of paraformaldehyde fixed A549 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



**Immunohistochemistry-Paraffin: 5-HT2A Antibody [NBP2-26091]** - Negative Control showing staining of paraffin embedded Human Cerebellum, with no primary antibody.



## Publications

Ghadirivasfi M, Nohesara S, Ahmadkhaniha HR et al. Hypomethylation of the serotonin receptor type-2A Gene (HTR2A) at T102C polymorphic site in DNA derived from the saliva of patients with schizophrenia and bipolar disorder. Am J Med Genet B Neuropsychiatr Genet 2011-07-01 [PMID: 21598376]



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### Products Related to NBP2-26091

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP3-31022	Human 5-HT2A ELISA Kit (Colorimetric)

### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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