

Product Datasheet

5-HT2A Antibody NBP2-26091

Unit Size: 0.1 mg

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

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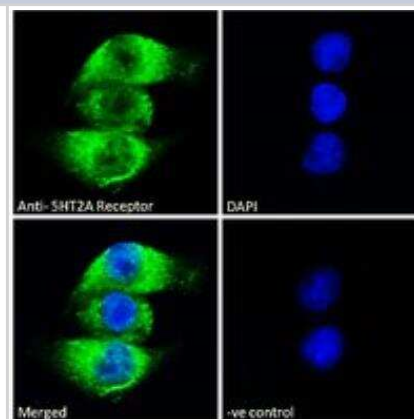
NBP2-26091**5-HT2A Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Product Description	
Host	Goat
Gene ID	3356
Gene Symbol	HTR2A
Species	Human
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms (NP_000612.1; NP_001159419.1).
Immunogen	Peptide with sequence C-QRSIHREPGSYTGR corresponding to internal region according to NP_000612.1, NP_001159419.1.
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Flow Cytometry 10 ug/mL, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Immunohistochemistry-Paraffin 2 ug/mL, Peptide ELISA Detection limit 1:128000



Images

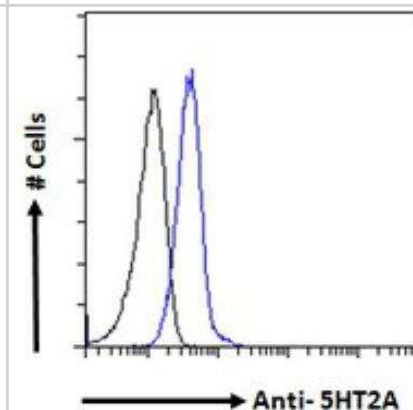
Immunocytochemistry/Immunofluorescence: 5-HT_{2A} Antibody [NBP2-26091] - Immunofluorescence analysis of paraformaldehyde fixed A549 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing cytoplasmic staining. The nuclear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



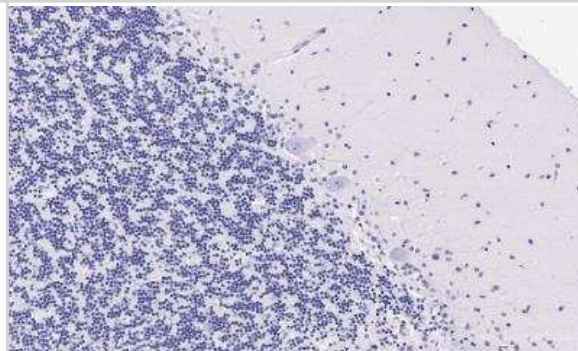
Immunohistochemistry-Paraffin: 5-HT_{2A} Antibody [NBP2-26091] - Staining of paraffin embedded Human Cerebellum. Antibody at 2 ug/mL. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.



Flow Cytometry: 5-HT_{2A} 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-HT_{2A} 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]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP]
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.

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