

Product Datasheet

5-HT2A Antibody NBP1-90318

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-90318**5-HT2A Antibody**

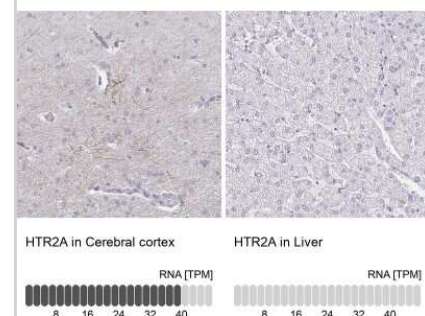
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	3356
Gene Symbol	HTR2A
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TIKSLQKEATLCVSDLGTRAKLASFSFLPQSSLSSEKLFQRSIHREPGSYTGRR MQSISNEQ

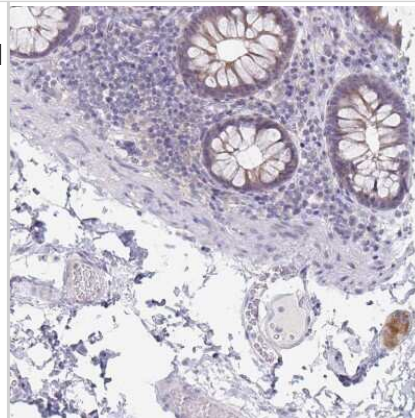
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:50-1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Use in ICC/IF reported in scientific literature (PMID:32355561).

Images

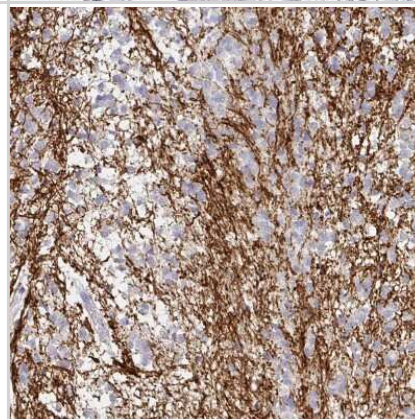
Immunohistochemistry-Paraffin: 5-HT2A Antibody [NBP1-90318] - Analysis in human cerebral cortex and liver tissues. Corresponding 5-HT2A RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: 5-HT2A Antibody [NBP1-90318] - Staining of human colon shows strong cytoplasmic positivity in peripheral ganglion.



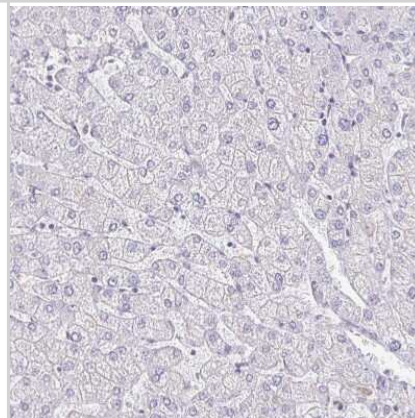
Immunohistochemistry-Paraffin: 5-HT2A Antibody [NBP1-90318] - Staining of human caudate putamen shows moderate membranous positivity in glial cells.



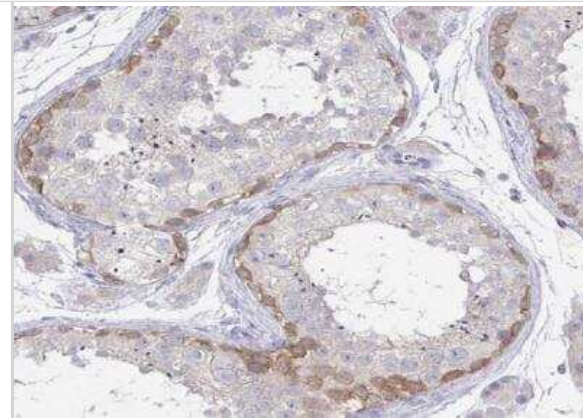
Immunohistochemistry-Paraffin: 5-HT2A Antibody [NBP1-90318] - Staining of human cerebral cortex shows weak positivity in plasma membrane in glial cells.



Immunohistochemistry-Paraffin: 5-HT2A Antibody [NBP1-90318] - Staining of human liver shows no membranous positivity in hepatocytes as expected.



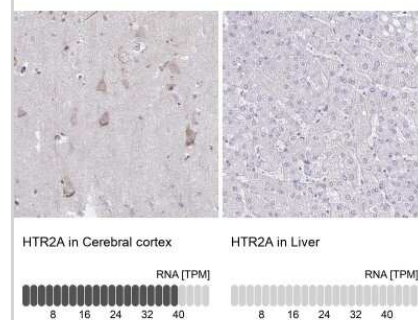
Immunohistochemistry-Paraffin: 5-HT2A Antibody [NBP1-90318] - Staining of human testis shows low membranous positivity in cells in seminiferous ducts as expected.



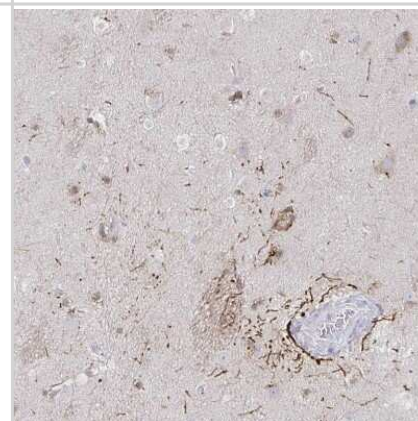
Immunohistochemistry-Paraffin: 5-HT2A Antibody [NBP1-90318] - Staining of human small intestine shows very weak membranous positivity in glanular cells as expected.



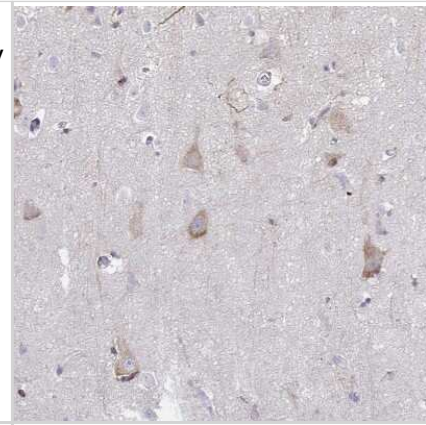
Immunohistochemistry-Paraffin: 5-HT2A Antibody [NBP1-90318] - Analysis in human cerebral cortex and liver tissues using NBP1-90318 antibody. Corresponding HTR2A RNA-seq data are presented for the same tissues.



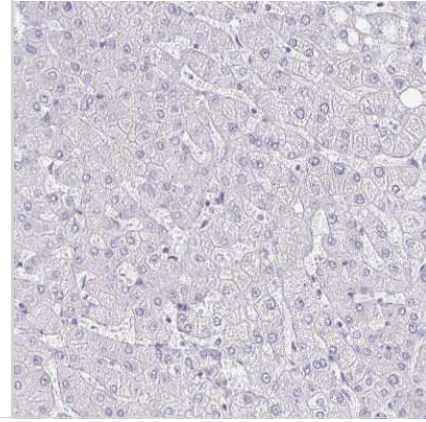
Immunohistochemistry-Paraffin: 5-HT2A Antibody [NBP1-90318] - Staining of human caudate nucleus shows moderate cytoplasmic positivity in neuronal cell bodies and processes.



Immunohistochemistry-Paraffin: 5-HT2A Antibody [NBP1-90318] -
Staining of human cerebral cortex shows moderate cytoplasmic positivity
in neurons.



Immunohistochemistry-Paraffin: 5-HT2A Antibody [NBP1-90318] -
Staining of human liver shows no positivity in hepatocytes as expected.



Publications

Marsh-Wakefield F, Ashhurst T, Trend S et al. IgG3+ B cells are associated with the development of multiple sclerosis
Clin Transl Immunology 2020-05-01 [PMID: 32355561] (ICC/IF, Human)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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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