

Product Datasheet

Tryptophan hydroxylase 2 Antibody (2990) NBP2-46646

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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NBP2-46646**Tryptophan hydroxylase 2 Antibody (2990)**

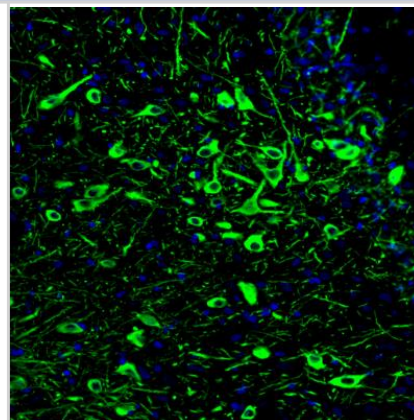
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2990
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Mouse
Gene ID	121278
Gene Symbol	TPH2
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions
Specificity/Sensitivity	Specificity of human, mouse, rat Tryptophan hydroxylase 2 antibody verified on a Protein Array containing target protein plus 383 other non-specific proteins.
Immunogen	Recombinant Protein Epitope Signature Tag (PrEST) antigen sequence SITRPFVYFNPYTQSIIEILKDTRSIENVVQDLRSDLNTVCDALNKMNQYLG

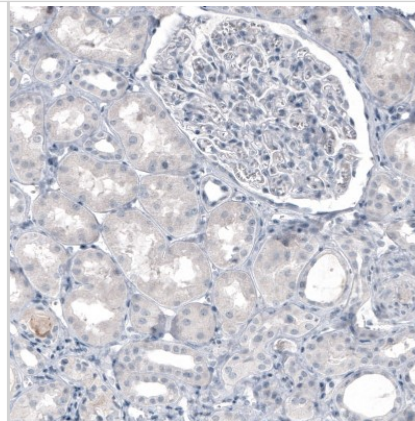
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

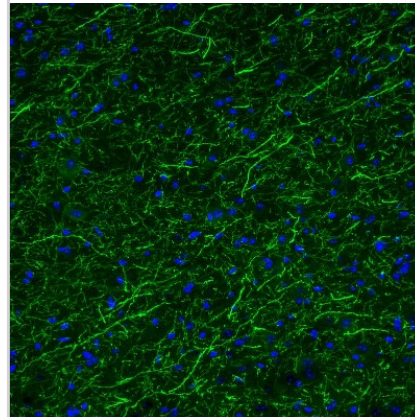
Immunohistochemistry-Paraffin: Tryptophan hydroxylase 2 Antibody (2990) [NBP2-46646] - Staining of rat midbrain shows strong positivity in serotonin neurons in the dorsal raphe nucleus.



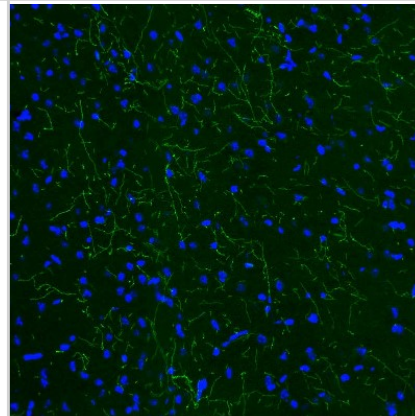
Immunohistochemistry-Paraffin: Tryptophan hydroxylase 2 Antibody (2990) [NBP2-46646] - Staining of human kidney shows no positivity in cells in tubules or glomeruli as expected.



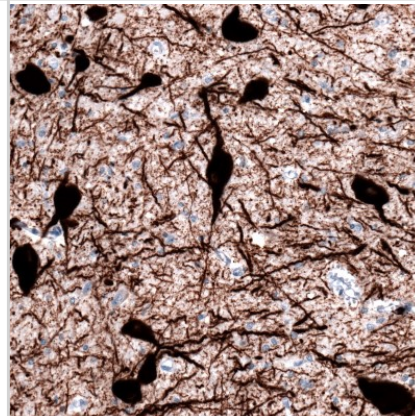
Immunohistochemistry-Paraffin: Tryptophan hydroxylase 2 Antibody (2990) [NBP2-46646] - Staining of mouse brain shows moderate positivity in serotonergic fibers in the basal forebrain.



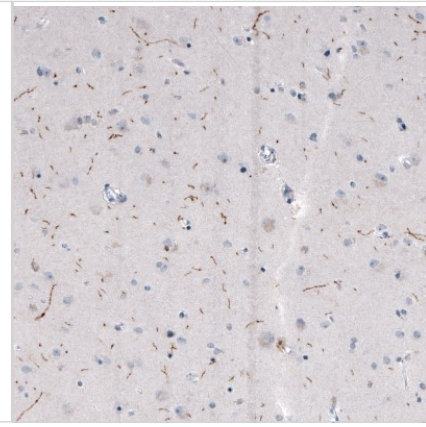
Immunohistochemistry-Paraffin: Tryptophan hydroxylase 2 Antibody (2990) [NBP2-46646] - Staining of mouse brain shows moderate positivity in serotonergic fibers in the cerebral cortex.



Immunohistochemistry-Paraffin: Tryptophan hydroxylase 2 Antibody (2990) [NBP2-46646] - Staining of human dorsal raphe nucleus shows strong cytoplasmic positivity in serotonin neurons.



Immunohistochemistry-Paraffin: Tryptophan hydroxylase 2 Antibody (2990) [NBP2-46646] - Staining of human cerebral cortex shows moderate positivity in serotonergic neural fibers.





Novus Biologicals USA

8100 Southpark Way, A-8
Littleton, CO 80120
USA

Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
novus@novusbio.com

Novus Biologicals Canada

461 North Service Road West, Unit B37
Oakville, ON L6M 2V5
Canada

Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada@novusbio.com

Novus Biologicals Europe

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@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: technical@novusbio.com
Orders: orders@novusbio.com
General: novus@novusbio.com

Products Related to NBP2-46646

NBP2-46646PEP	Tryptophan hydroxylase 2 Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] (Pre-adsorbed)
NBP1-97005	Mouse IgG1 Isotype Control (MG1)

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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