

Product Datasheet

Tryptophan hydroxylase 2 Antibody (CL2990) - Azide and BSA Free **NBP3-43817**

Unit Size: 100 ug

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

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NBP3-43817

Tryptophan hydroxylase 2 Antibody (CL2990) - Azide and BSA Free

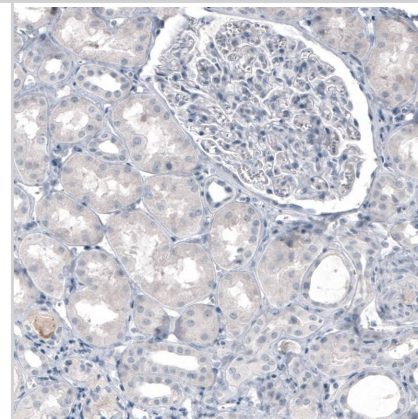
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL2990
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Description	Novus Biologicals Mouse Tryptophan hydroxylase 2 Antibody (CL2990) - Azide and BSA Free (NBP2-46646) is a monoclonal antibody validated for use in IHC. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	121278
Gene Symbol	TPH2
Species	Human, Mouse, Rat
Immunogen	This antibody was generated using a recombinant protein sequence of Q8IWU9, with the exact immunogen sequence remaining proprietary.

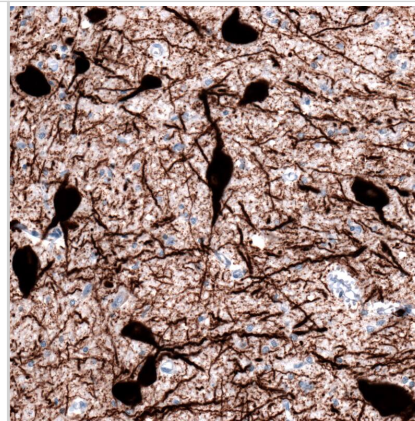
Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

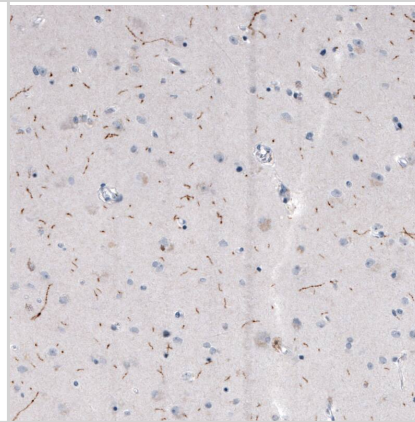
Staining of human kidney shows no positivity in cells in tubules or glomeruli as expected.



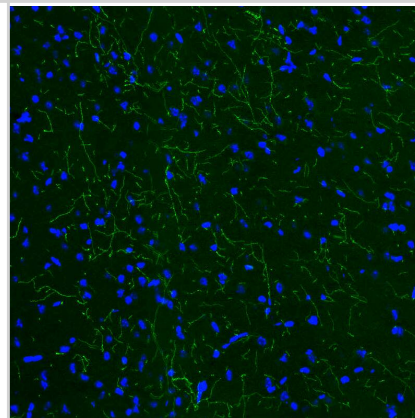
Staining of human dorsal raphe nucleus shows strong cytoplasmic positivity in serotonin neurons.



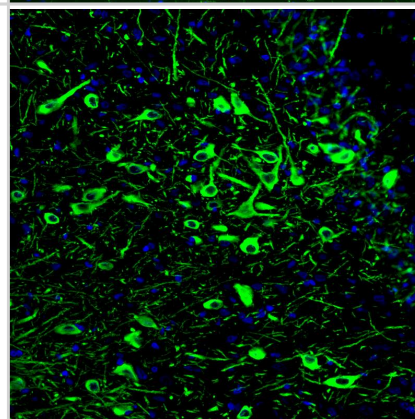
Staining of human cerebral cortex shows moderate positivity in serotonergic neural fibers.



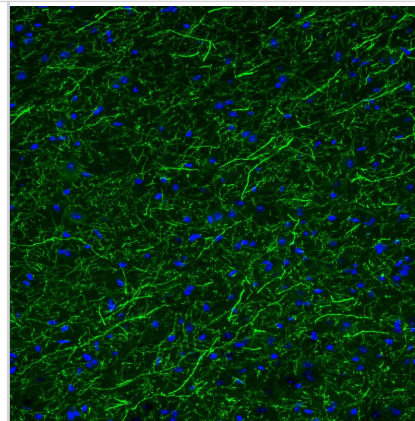
Staining of mouse brain shows moderate positivity in serotonergic fibers in the cerebral cortex.



Staining of rat midbrain shows strong positivity in serotonin neurons in the dorsal raphe nucleus.



Staining of mouse brain shows moderate positivity in serotonergic fibers in the basal forebrain.





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Products Related to NBP3-43817

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-77559PEP	Tryptophan hydroxylase 2 Antibody Blocking Peptide

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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