

# Product Datasheet

## UNC5H3/UNC5C Antibody NBP1-37002

Unit Size: 0.1 mg

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

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**NBP1-37002**

## UNC5H3/UNC5C 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

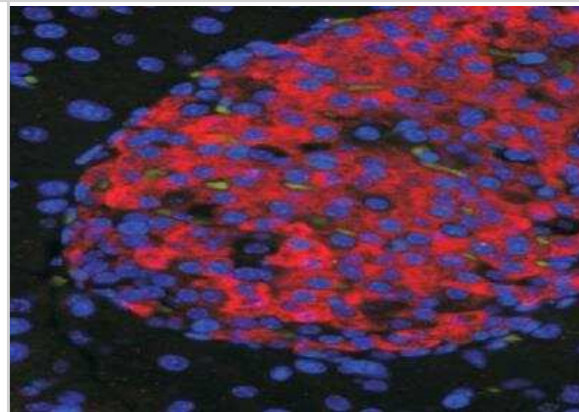
Product Description	
Description	Novus Biologicals Goat UNC5H3/UNC5C Antibody (NBP1-37002) is a polyclonal antibody validated for use in IHC, ELISA and ICC/IF. Anti-UNC5H3/UNC5C Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	8633
Gene Symbol	UNC5C
Species	Human, Mouse
Immunogen	Peptide with sequence NCTVSEEPTGID corresponding to internal region according to NP_003719.2.

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Immunohistochemistry 3 - 5 ug/ml, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunohistochemistry-Paraffin 3 - 5 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	IF: An anonymous customer has reported staining of paraffin embedded endocrine islets (red), nuclear (blue), and ductal cell (green) in adult mouse pancreas. WB: Preliminary experiments in human and mouse brain lysates gave no specific signal but low background. IHC-P: Human cerebral cortex shows staining of some neuronal bodies plus intense axonal staining.

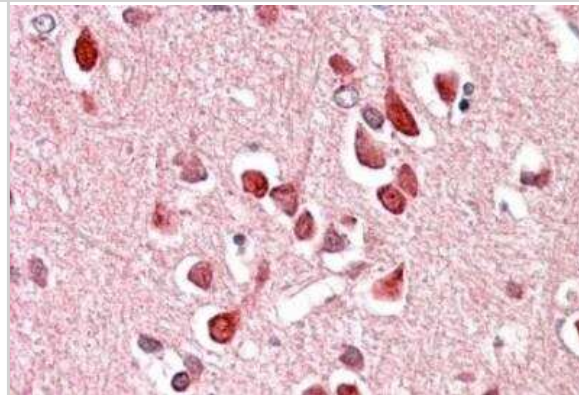


## Images

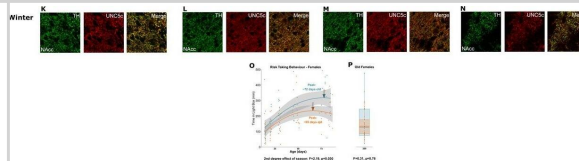
Immunocytochemistry/Immunofluorescence: UNC5H3/UNC5C Antibody [NBP1-37002] - Staining of islets in Mouse Pancreas. Citrate antigen retrieval. Detected by immunofluorescence.



Immunohistochemistry-Paraffin: UNC5H3/UNC5C Antibody [NBP1-37002] - Staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Expression of UNC5c protein in the medial prefrontal cortex of an adult male mouse. Low (A) and high (B) magnification images demonstrate that there is little UNC5c expression in dopamine axons in the medial prefrontal cortex. Here, we identify dopamine axons by immunofluorescent staining for tyrosine hydroxylase (TH). See our Methods subsection 'Immunohistochemistry' for details. Abbreviations: fmi: forceps minor of the corpus callosum, mPFC: medial prefrontal cortex. Image collected and cropped by CiteAb from the following open publication (<https://elifesciences.org/articles/88261>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



## Publications

Shin SK, Nagasaka T, Jung BH et al. Epigenetic and genetic alterations in Netrin-1 receptors UNC5C and DCC in human colon cancer. *Gastroenterology* 2007-12-01 [PMID: 18054557]



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### **Products Related to NBP1-37002**

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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
236-EG-200	EGF [Unconjugated]

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### **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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