

Anti-Tyrosine Hydroxylase Antibody



Pooled Serum

Product Details

Available Variants	100 μ L (SKU:2025-THRAB) 25 μ L (SKU:2025-THRABt)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	TH
Host Species	Rabbit
Format	Antigen Affinity Purified from Pooled Serum
Physical State	Liquid
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 μ g per ml BSA and 50% glycerol.
Production Notes	Prepared from pooled rabbit serum by affinity purification using a column to which the fusion protein immunogen was coupled.
Applications	ELISA, ICC, IHC, WB
Dilution Ranges	WB: 1:1000 WB Brain: 1:1000 IHC: 1:1000 ICC: 1:500-1:1000
Species Reactivity	Human, Mouse, Rat
Immunogen	SDS-denatured, native rat tyrosine hydroxylase purified from pheochromocytoma.
Specificity	Specific for endogenous levels of the ~60 kDa tyrosine hydroxylase protein.
Molecular Weight	60 kDa
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at

-20°C.

Antibody Registry ID AB_2492276

UniProt ID [P04177](#)

Shipping Blue Ice

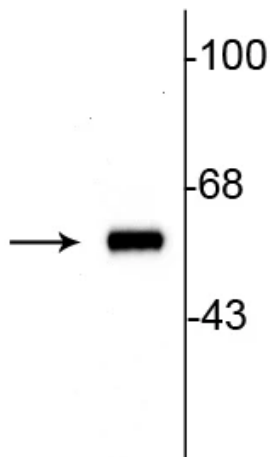
Expiration After date of receipt, stable for at least 1 year at -20°C.

Usage Statement For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

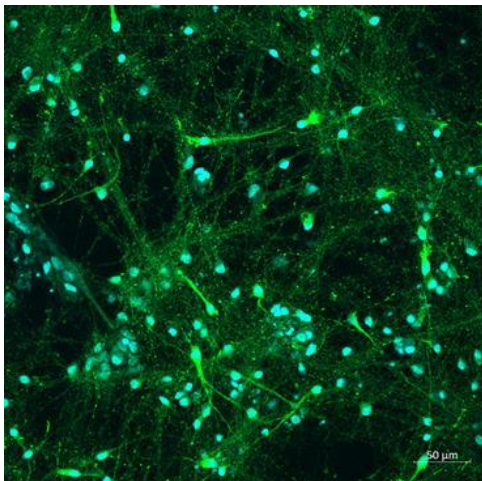
Expected Reactivity Chicken

NCBI Gene ID 25085

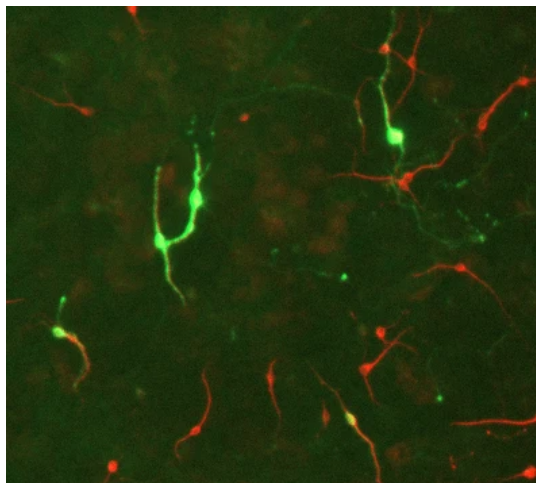
Product Images



Western blot of 10ug of rat striatal lysate showing specific immunolabeling of the ~60 kDa tyrosine hydroxylase protein.



Immunofluorescence of human iPSC-derived dopaminergic neurons labeled with anti-tyrosine hydroxylase (Cat. 2025-THRAB, green, 1:500). The blue stain is DAPI. Before labeling, cells were fixed with 4% PFA and permeabilized with 0.1 to 0.3 % Triton X. This image is kindly provided by Aurelie de Rus Jacquet, Howard Hughes Medical Institute, Janelia Research Campus.



Immunostaining of E17 rat midbrain mixed neuronal cultures showing TH positive neurons (Cat. 2025-THRAB, green, 1:500) and MAP2 (Cat. 1100-MAP2, red, 1:2000). Before labeling, cells were fixed with 4% PFA in PBS and permeabilized for 1 hour 0.3 % Triton X. Image courtesy of Aurélie de Rus Jacquet, laboratory of Dr. Jean-Christophe Rochet, Purdue University.

Product Page URL: www.antibodiesinc.com/products/anti-tyrosine-hydroxylase-antibody-2025-thrab



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