

Anti-Tyrosine Hydroxylase Antibody



Product Details

Available Variants	100 µL (SKU:2027-THSHP) 25 µL (SKU:2027-THSHPt)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	TH
Host Species	Sheep
Format	Antigen Affinity Purified from Pooled Serum
Physical State	Liquid
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol.
Production Notes	Prepared from pooled sheep 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: 1:1000
Species Reactivity	Human, Mouse, Rabbit, 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_2492277

UniProt ID [P04177](#)

Shipping Blue Ice

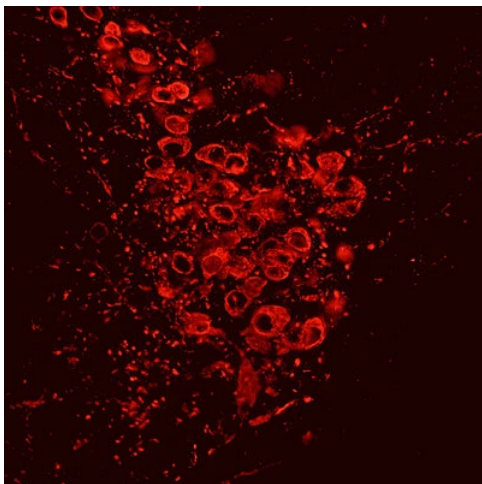
Expiration After date of receipt, stable for at least 1 year at -20°C.

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.

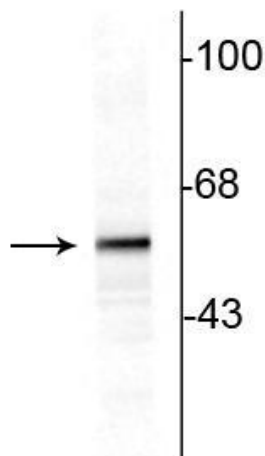
Expected Reactivity Chicken

NCBI Gene ID 25085

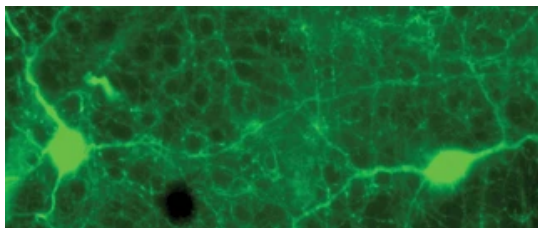
Product Images



Immunostaining of free-floating sections of mouse locus ceruleus (brainstem) labeling tyrosine hydroxylase (Cat. 2027-THSHP, red, 1:2000) The mouse was transcardially perfused with 20 mL of PBS containing 0.1% procaine and 100 U/mL heparin followed by 20 mL of 4% paraformaldehyde (PFA) in PBS. The dissected brains were kept in fixative at 4 °C overnight. The image was kindly provided by Eugene Dimitrov, Department of Physiology and Biophysics, Rosalind Franklin University.



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



Immunostaining of rabbit retina showing specific labeling of tyrosine hydroxylase in green.

Product Page URL: www.antibodiesinc.com/products/anti-tyrosine-hydroxylase-antibody-2027-thshp



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