

Anti-Tyrosine Hydroxylase (TH) Antibody

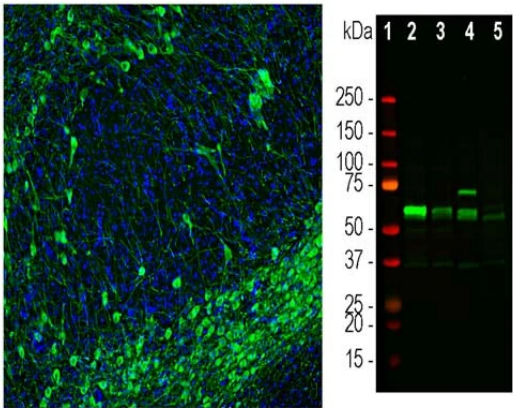


Product Details

Available Variants	100 µg (SKU:C-2126-100)
Conjugate	Unconjugated
Isotype	IgY
Host Species	Chicken
Format	IgY
Physical State	Lyophilized
Buffer	Lyophilized from PBS buffer pH 7.2-7.6 with 0.1% trehalose, and sodium azide
Applications	Flow, ICC, IHC, WB
Dilution Ranges	WB: 1:5000-1:10000 IHC: 1:100-1:500 ICC: 1:100-1:500
Species Reactivity	Human, Mouse, Rat
Immunogen	The antibody has been made against the full length recombinant human TH (524 amino acid sequence) expressed in and purified from E. Coli
Specificity	Human. Species cross-reactivity includes rat and mouse.
Storage	Spin vial briefly before opening. Reconstitute with 100 µL sterile-filtered, ultrapure water to achieve a 1 mg/mL concentration. Centrifuge to remove any insoluble material. After reconstitution of lyophilized antibody, aliquot and store at -20°C for a higher stability. Avoid freeze-thaw cycles. Store at 4°C for up to one month for short term storage and frequent use.
UniProt ID	<u>P07101</u>
Country of Origin	United States
Shipping	25°C (ambient)

Expiration	12 months after date of receipt (unopened vial).
Usage Statement	For research use only.

Product Images



Left: Visualization of tyrosine hydroxylase expression in rat brain by **Immunofluorescent analysis**. Section was stained with chicken anti-TH antibody, C-2126-100, (green, 1:5,000) and Hoechst staining of nuclear DNA (blue). Product C-2126-100 stains the dopaminergic TH-positive neurons and their processes of the substantia nigra. **Right:** Western blot analysis of tissues and lysates using C-2126-100 (green, 1:50,000) with a band at approx. 58kDa in brain tissue lysates. Lane 1: protein standard (red); Lane 2: rat brain caudate/putmen region; Lane 3: rat brain midbrain; Lane 4: whole mouse midbrain; Lane 5: cow midbrain segment.

Product Page URL: www.antibodiesinc.com/products/anti-tyrosine-hydroxylase-th-antibody-c-2126-100

