

# Anti-Tyrosine Hydroxylase Recombinant Chicken Chimeric mAb Biotin Conjugate



## Product Details

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| Available Variants | 200 µL (SKU:78-700-BTN)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Conjugate          | Biotin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Isotype            | IgY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Clone              | LNC1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene Name          | TH TYH EC 1.14.16.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Host Species       | Chicken                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Concentration      | Lot dependent: provided at 0.3-0.5 mg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Format             | Purified by affinity chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Physical State     | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Buffer             | 1X PBS, 0.05% Sodium Azide pH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Production Notes   | <p>This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions of clone LNC1 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone LNC1 but can be detected using standard anti-chicken secondary antibodies allowing flexibility for multiplexing applications. This antibody is expressed recombinantly in mammalian cells and then affinity purified from the cell culture media and conjugated.</p> |
| Applications       | ELISA, ICC, IHC, IP, WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Species Reactivity | Chicken, Frog, Human, Lizard, Mouse, Non-Human Primate, Rat, Vole, Zebrafish                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Immunogen          | Tyrosine Hydroxylase purified from PC12 cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Specificity        | <p>Recognizes an epitope outside of the regulatory N-terminus. Recognizes a protein of approximately 59-61 kDa by Western blot. Does not react with the following on Western Blots: purified dopamine-beta-hydroxylase, phenylalanine</p>                                                                                                                                                                                                                                                                                                  |

hydroxylase, tryptophan hydroxylase, dehydropteridine reductase, sepiapterin reductase or phenethanolamine-N-methyl transferase (PNMT). Identifies a single ~60 kDa band on Western Blots of HeLa cells transfected to express human tyrosine hydroxylase.

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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Molecular Weight</b>  | 59-63 kDa                                                                                                                                                                                                       |
| <b>Storage</b>           | Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$ . For maximum recovery of product, centrifuge the vial prior to removing the cap. |
| <b>UniProt ID</b>        | <u>P07101</u>                                                                                                                                                                                                   |
| <b>Country of Origin</b> | United States                                                                                                                                                                                                   |
| <b>Shipping</b>          | Shipped on ice packs                                                                                                                                                                                            |
| <b>Expiration</b>        | 24 months from date of receipt                                                                                                                                                                                  |
| <b>Usage Statement</b>   | These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.                                                                            |

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## Product Images



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Product Page URL: [www.antibodiesinc.com/products/anti-tyrosine-hydroxylase-recombinant-antibody-lnc1-78-700-btn](http://www.antibodiesinc.com/products/anti-tyrosine-hydroxylase-recombinant-antibody-lnc1-78-700-btn)



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