

Datasheet for ABIN2574234

**anti-Tyrosine Hydroxylase antibody (AA 34-301) (Biotin)**[Go to Product page](#)

## Overview

|                      |                                                            |
|----------------------|------------------------------------------------------------|
| Quantity:            | 100 µL                                                     |
| Target:              | Tyrosine Hydroxylase (TH)                                  |
| Binding Specificity: | AA 34-301                                                  |
| Reactivity:          | Rat                                                        |
| Host:                | Rabbit                                                     |
| Clonality:           | Polyclonal                                                 |
| Conjugate:           | This Tyrosine Hydroxylase antibody is conjugated to Biotin |
| Application:         | Western Blotting (WB)                                      |

## Product Details

|               |                                                     |
|---------------|-----------------------------------------------------|
| Immunogen:    | Recombinant TH (Phe34-Leu301) expressed in E. coli. |
|               | Type of Immunogen: Recombinant protein              |
| Isotype:      | IgG                                                 |
| Specificity:  | Rat TH / Tyrosine Hydroxylase                       |
| Purification: | Affinity purified                                   |

## Target Details

|                   |                                                           |
|-------------------|-----------------------------------------------------------|
| Target:           | Tyrosine Hydroxylase (TH)                                 |
| Alternative Name: | TH / Tyrosine Hydroxylase ( <a href="#">TH Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                        |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Name/Gene ID: TH                                                                                                                                                                                                       |
|             | Family: Monooxygenase                                                                                                                                                                                                  |
|             | Synonyms: TH, DYT14, Dystonia 14, TYH, Tyrosine 3-hydroxylase, Tyrosine hydroxylase, DYT5b, Tyrosine 3-monooxygenase                                                                                                   |
| Gene ID:    | 7054                                                                                                                                                                                                                   |
| Pathways:   | <a href="#">Dopaminergic Neurogenesis</a> , <a href="#">Response to Water Deprivation</a> , <a href="#">Sensory Perception of Sound</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Feeding Behaviour</a> |

## Application Details

|                    |                                                                                                                                 |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Approved: WB (1:100 - 1:400)                                                                                                    |
|                    | Usage: The applications listed have been tested for the unconjugated form of this product.<br>Other forms have not been tested. |
| Comment:           | Target Species of Antibody: Rat                                                                                                 |
| Restrictions:      | For Research Use only                                                                                                           |

## Handling

|                    |                                                                                                                                                                                                       |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                                                                                |
| Concentration:     | Lot specific                                                                                                                                                                                          |
| Buffer:            | PBS, pH 7.4, 0.02 % sodium azide, 50 % glycerol.                                                                                                                                                      |
| Preservative:      | Sodium azide                                                                                                                                                                                          |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                                                                |
| Storage:           | 4 °C,-20 °C,-80 °C                                                                                                                                                                                    |
| Storage Comment:   | Store frozen product at or below -20°C. Thawed product may be stored for 2-4 weeks at 4°C.<br>For optimal storage, aliquot to smaller portions and store at -20°C to -70°C. Avoid freeze-thaw cycles. |