

## Rabbit anti-Human TH Polyclonal Antibody | anti-TH antibody

TH Antibody

|                               |                       |                            |                                             |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA304859</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|

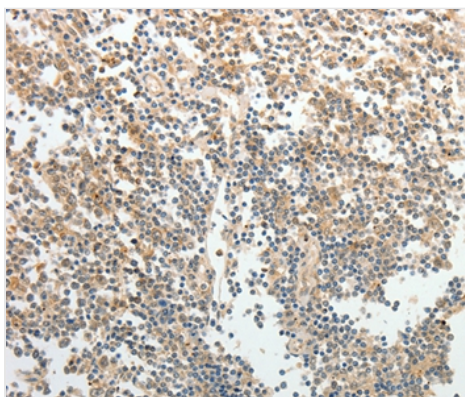
### PRODUCT SYNONYMS

TH; Polyclonal Antibody; TH Antibody; TYH; DYT14; DYT5b; anti-TH antibody

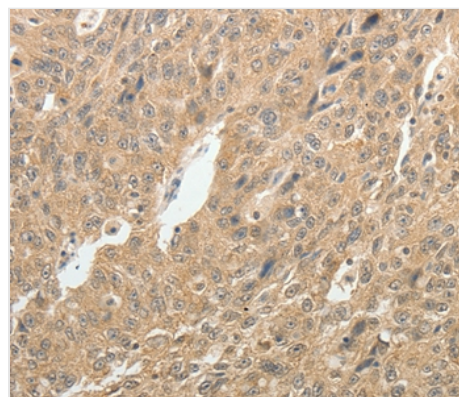
### PRODUCT SPECIFICATIONS

|                                              |                                                                                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------|
| Host                                         | Rabbit                                                                                        |
| Reactivity                                   | Human                                                                                         |
| Clonality                                    | Polyclonal                                                                                    |
| Specificity                                  | The antibody detects endogenous levels of total TH protein.                                   |
| Purity/Purification                          | Antigen affinity purification.                                                                |
| Form/Format                                  | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                               |
| Concentration                                | 0.4 mg/ml (varies by lot)                                                                     |
| Sequence Length                              | 497                                                                                           |
| Applicable Applications for anti-TH antibody | IHC (Immunohistochemistry)                                                                    |
| Immunogen Type                               | Peptide                                                                                       |
| Immunogen Description                        | Synthetic peptide corresponding to residues near the C terminal of human tyrosine hydroxylase |
| Target Name                                  | TH                                                                                            |
| Preparation and Storage                      | Store at -20 degree C                                                                         |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human ovarian cancer tissue using at dilution 1/10.


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human tonsil cancer tissue using at dilution 1/10.

ADDITIONAL INFORMATION

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TH antibody | The protein encoded by this gene is involved in the conversion of tyrosine to dopamine. It is the rate-limiting enzyme in the synthesis of catecholamines, hence plays a key role in the physiology of adrenergic neurons. Mutations in this gene have been associated with autosomal recessive Segawa syndrome. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. |
| Product Categories/Family for anti-TH antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 88900503                                                               |
| NCBI GeneID                      | 7054                                                                   |
| NCBI Accession #                 | NP_000351.2                                                            |
| NCBI GenBank Nucleotide #        | NM_000360.3                                                            |
| UniProt Accession #              | P07101; Q0PWM2; Q0PWM3; Q15585; Q15588; Q15589; Q2M3B4; B7ZL70; B7ZL73 |
| Molecular Weight                 | 44,898 Da                                                              |
| NCBI Official Full Name          | tyrosine 3-monooxygenase isoform b                                     |
| NCBI Official Synonym Full Names | tyrosine hydroxylase                                                   |
| NCBI Official Symbol             | TH                                                                     |
| NCBI Official Synonym Symbols    | TYH; DYT14; DYT5b                                                      |
| NCBI Protein Information         | tyrosine 3-monooxygenase                                               |
| UniProt Protein Name             | Tyrosine 3-monooxygenase                                               |
| UniProt Gene Name                | TH                                                                     |
| UniProt Synonym Gene Names       | TYH; TH                                                                |
| UniProt Entry Name               | TY3H_HUMAN                                                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/th-antibody-immunohistochemistry-elisa/304859>