

Datasheet for ABIN5621463

## anti-Tyrosine Hydroxylase antibody (pSer8)



[Go to Product page](#)

### Overview

|                      |                                                          |
|----------------------|----------------------------------------------------------|
| Quantity:            | 100 µg                                                   |
| Target:              | Tyrosine Hydroxylase (TH)                                |
| Binding Specificity: | pSer8                                                    |
| Reactivity:          | Human                                                    |
| Host:                | Rabbit                                                   |
| Clonality:           | Polyclonal                                               |
| Conjugate:           | This Tyrosine Hydroxylase antibody is un-conjugated      |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), ELISA |

### Product Details

|                             |                                                                                                                                                                                                         |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:                  | Tyrosine Hydroxylase antibody was raised in Rabbit using a synthesized phosphopeptide derived from human Tyrosine Hydroxylase around the phosphorylation site of serine 8 (A-P-SP-P-Q) as the immunogen |
| Isotype:                    | IgG                                                                                                                                                                                                     |
| Specificity:                | Tyrosine Hydroxylase antibody (Ser8) detects endogenous levels of Tyrosine Hydroxylase only when phosphorylated at serine 8                                                                             |
| Cross-Reactivity (Details): | Mouse, Rat - Reactive with proteins phosphorylated as follows: Mouse: Ser8, Rat: Ser8                                                                                                                   |
| Characteristics:            | Rabbit polyclonal Tyrosine Hydroxylase antibody (Ser8)                                                                                                                                                  |
| Purification:               | Tyrosine Hydroxylase antibody was purified by affinity chromatography                                                                                                                                   |

### Target Details

|                   |                                                                                                                                                                                                                        |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | Tyrosine Hydroxylase (TH)                                                                                                                                                                                              |
| Alternative Name: | Tyrosine Hydroxylase ( <a href="#">TH Products</a> )                                                                                                                                                                   |
| 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: | WB: 1:500 - 1:1000, IHC: 1:50 - 1:100, ELISA: 1:1000 |
| Restrictions:      | For Research Use only                                |

### Handling

|                    |                                                                                                                          |
|--------------------|--------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                   |
| Buffer:            | Supplied in liquid format, PBS buffer, pH 7.4, 150 mM NaCl with added preservative 0.02 % sodium azide and 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:           | -20 °C                                                                                                                   |
| Storage Comment:   | Aliquot and store at -20 deg C. Avoid repeated freeze thaw cycles                                                        |