

39-1100: Anti-Tyrosine Hydroxylase Monoclonal Antibody (Clone: TH-16)

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| Clonality : | Monoclonal |
| Clone Name : | TH-16 |
| Application : | WB,IHC-P,IHC-F |
| Reactivity : | Human |
| Gene : | Th |
| Gene ID : | 25085 |
| Uniprot ID : | P04177 |
| Alternative Name : | Tyrosine 3-monoxygenase; 1.14.16.2; Tyrosine 3-hydroxylase; TH; Th |
| Isotype : | Mouse IgG1 |
| Immunogen Information : | Rat tyrosine hydroxylase(TH). |

Description

Tyrosine hydroxylase is involved in the conversion of phenylalanine to dopamine. As the rate-limiting enzyme in the synthesis of catecholamines, tyrosine hydroxylase has a key role in the physiology of adrenergic neurons. Human TH gene contains 13 primary exons and spans approximately 8 kb. TH is in the 11p15.5 region.

Product Info

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| Amount : | 100 µg/vial |
| Purification : | Ascites |
| Content : | Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN ₃ as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml. |
| Storage condition : | At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing. |

Application Note

Western blot : 0.25-0.5 µg/ml; Immunohistochemistry(Paraffin-embedded Section) : 0.5-1 µg/ml;
Immunohistochemistry(Frozen Section) : 0.5-1 µg/ml

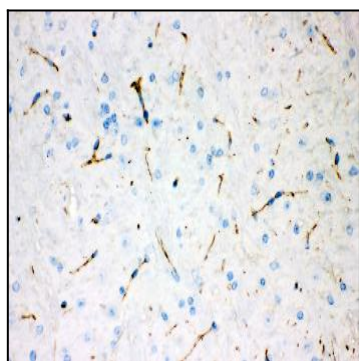


Figure 1: Anti-Tyrosine Hydroxylase antibody(39-1100). IHC(P): Rat Brain Tissue.