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

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-monooxygenase; 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

Amount :	100 µg/vial
Purification :	Ascites
Content :	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 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 : 0.25-0.5Ã‚Â¼g/ml; Immunohistochemistry(Paraffin-embedded Section) : 0.5-1Ã‚Â¼g/ml; Immunohistochemistry(Frozen Section) : 0.5-1Ã‚Â¼g/ml

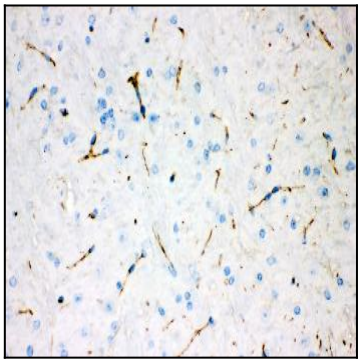

Figure 1: Anti-Tyrosine Hydroxylase antibody(39-1100). IHC(P): Rat Brain Tissue.