

Tyrosine hydrolase Mouse Monoclonal Antibody(4B1)

Catalog	TDY1037C	TDY1037F	Tel: 010-80117836
			Web: www.tdybio.com
Quantity	50μL	100μL	Entrez-Gene ID#7054 , Swiss-Prot Acc.#P07101

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB	H,M,R	~55KD	IgG1

Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.
Store at **-20°C. Do not aliquot the antibody.**

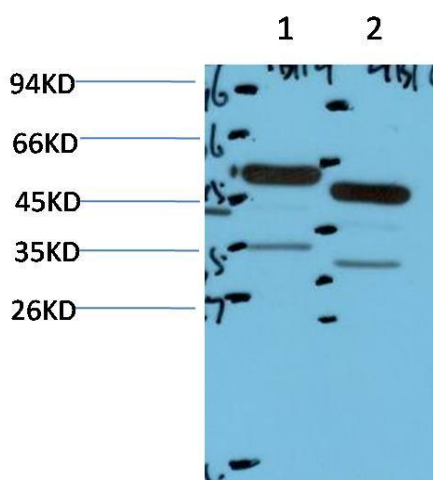
Recommended dilutions:WB: 1:1,000-2,000

Optimal dilutions should be determined by the end user.

Specificity:Antibody can detects endogenous Tyrosine Hydrolase proteins.

Alternative Names: TH; TYH; Tyrosine 3-monooxygenase; Tyrosine 3-hydroxylase

Background: Tyrosine hydroxylase(TH) Homo sapiens 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.



Western blot analysis of 1)PC12 Cell, 2) Mouse Brain Tissue Lysate using Tyrosine Hydrolase (TDY1037) Mouse Monoclonal mAb diluted at 1:2,000.