

Tyrosine Hydrolase Mouse Monoclonal Antibody(4B1)

Catalog No: RA10296

Basic Information

Host species	Mouse
Applications	WB
Species Cross-Reactivity	H,M,R
Specificity	Antibody can detects endogenous Tyrosine Hydrolase proteins.
Recommended dilutions	WB: 1:1,000-2,000 Optimal dilutions should be determined by the end user.

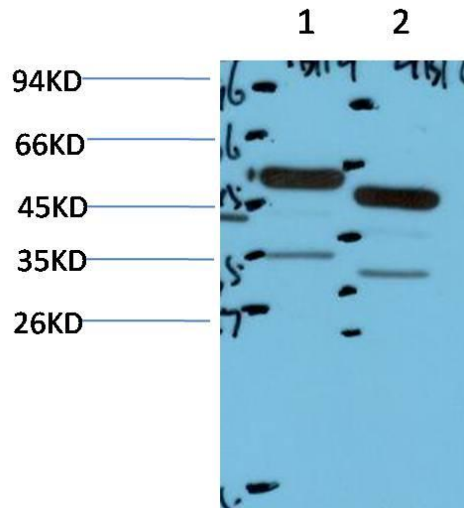
Applications

Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Monoclonal

Background

Alternative Names	TH; TYH; Tyrosine 3-monoxygenase; Tyrosine 3-hydroxylase
Observed band	~55
Human Gene ID	7054
Human Swiss-Prot Number	P07101
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.

Selected Validation Data



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