

TH Monoclonal Antibody

Catalog Number:E-AB-70206

Note: Centrifuge before opening to ensure complete recovery of vial contents.

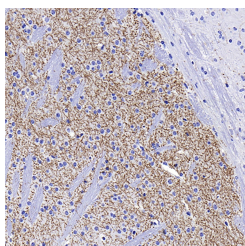
Description

Reactivity	Mouse,Rat
Immunogen	Recombinant protein corresponding to Mouse Tyrosine Hydroxylase
Host	Mouse
Isotype	IgG
Clone	5B7D10
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

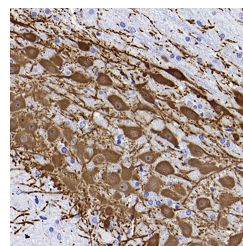
Applications Recommended Dilution

IHC	1:500-1:2000
IF	1:300-1:800

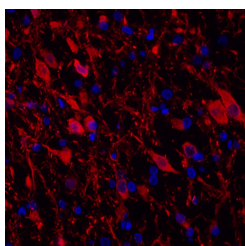
Data



Immunohistochemistry analysis of paraffin-embedded mouse striatum using TH Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry analysis of paraffin-embedded rat substantia nigra using TH Monoclonal Antibody at dilution of 1:1000.



Immunofluorescence analysis of paraffin-embedded rat brain using TH Monoclonal Antibody at dilution of 1:400.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

TH(Tyrosine 3-monooxygenase) converts L-tyrosine to L-3,4-dihydroxyphenylalanine (L-DOPA),the essential and rate-limiting step to formation of dopamine and other catecholamines. TH plays an important role in the physiology of

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adrenergic neurons and can be used as a marker for dopaminergic and noradrenergic neurons.

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