

TH Polyclonal Antibody

catalog number: E-AB-70077

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

Description

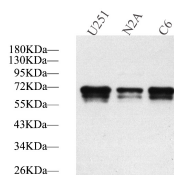
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant protein corresponding to Mouse Tyrosine Hydroxylase
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications

Recommended Dilution

WB	1:500-1:2000
IHC	1:300-1:800
IF	1:200-1:800

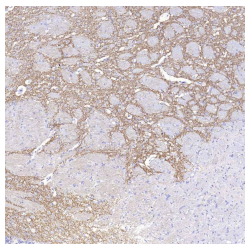
Data



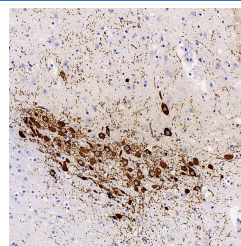
Western Blot analysis of various samples using TH Polyclonal Antibody at dilution of 1:1000.

Observed-MW:62 kDa

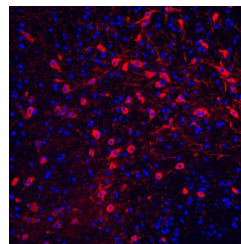
Calculated-MW:62 kDa



Immunohistochemistry analysis of paraffin-embedded Rat brain striatum using TH Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry analysis of paraffin-embedded Mouse brain striatum using TH Polyclonal Antibody at dilution of 1:300.



Immunofluorescence analysis of paraffin-embedded mouse brain using TH Polyclonal Antibody at dilution of 1:300.

Preparation & Storage

Storage

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping

The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

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