

Tyrosine Hydroxylase Rabbit mAb

Catalog No: #58996

Package Size: #58996-1 50ul #58996-2 100ul

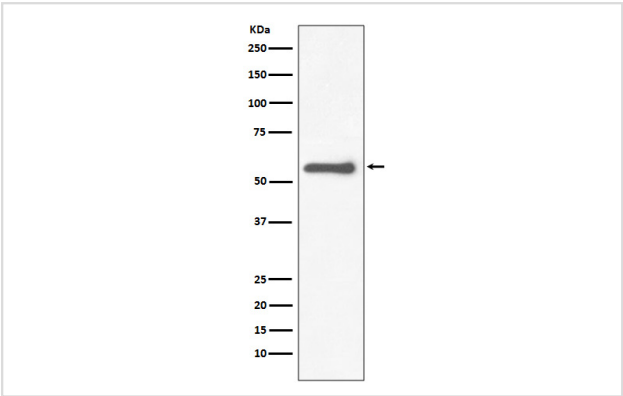
Description

Product Name	Tyrosine Hydroxylase Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF FC
Species Reactivity	Human Mouse Rat
Specificity	Tyrosine Hydroxylase Antibody detects endogenous levels of Tyrosine Hydroxylase
Immunogen Description	A synthesized peptide derived from human Tyrosine Hydroxylase
Other Names	EC 1.14.16.2; TH isoform 3; TH isoform a; TH-4; TY3H; TYH; Tyrosine 3-hydroxylase; Tyrosine 3-monooxygenase; tyrosine hydroxylase;
Accession No.	Uniprot:P07101
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

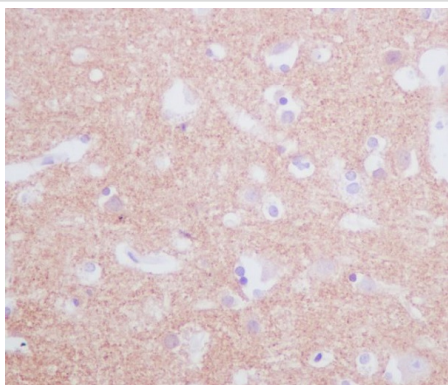
Application Details

WB 1:1000~1:5000 IHC 1:50~1:200 ICC/IF 1:50~1:200 FC 1:200

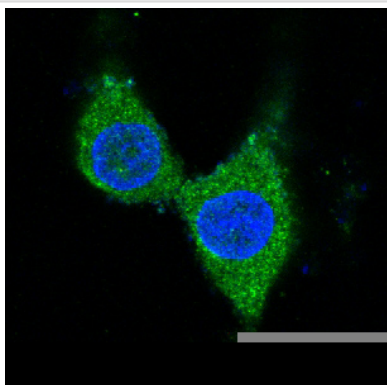
Images



Western blot analysis of Tyrosine Hydroxylase expression in PC12 cell lysate.



Immunohistochemical analysis of paraffin-embedded human brain, using Tyrosine Hydroxylase Antibody.



Immunofluorescent analysis of PC-12 cells, using Tyrosine Hydroxylase Antibody.

Background

Tyrosine hydroxylase (TH) catalyzes the rate-limiting step in the synthesis of the neurotransmitter dopamine and other catecholamines. TH functions as a tetramer, with each subunit composed of a regulatory and catalytic domain, and exists in several different isoforms. This enzyme is required for embryonic development since TH knockout mice die before or at birth.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.