

Tyrosine Hydroxylase Rabbit mAb

Catalog No: #58863

Package Size: #58863-1 50ul #58863-2 100ul

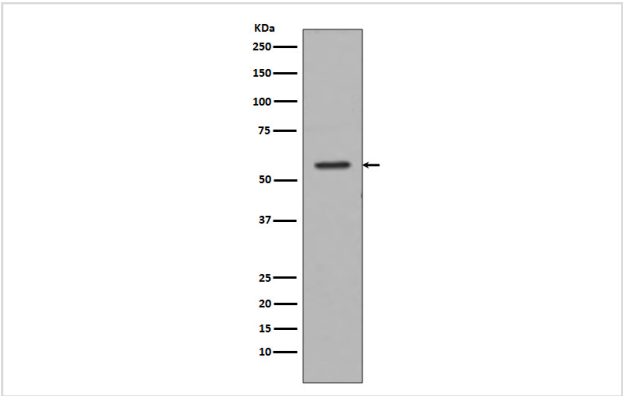
Description

Product Name	Tyrosine Hydroxylase Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB ICC/IF FC
Species Reactivity	Human Mouse Rat
Specificity	Tyrosine Hydroxylase Antibody detects endogenous levels of total 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.

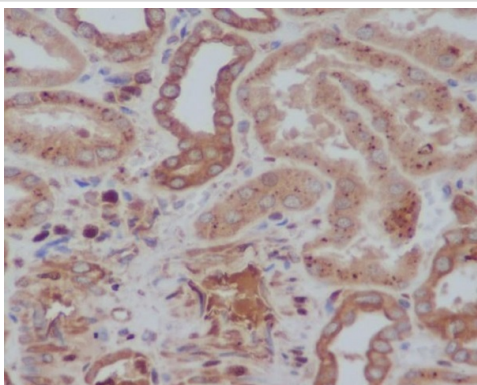
Application Details

WB 1:500~1:2000 ICC/IF 1:50~1:200 FC 1:50

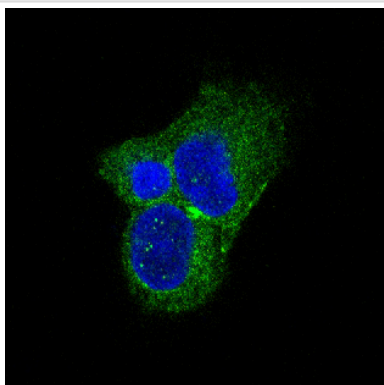
Images



Western blot analysis of Tyrosine Hydroxylase expression in PC-3 cell lysate.



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



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

Background

Tyrosine hydroxylase (EC 1.14.16.2) is involved in the conversion of phenylalanine to dopamine. As the rate-limiting enzyme in the synthesis of catecholamines, tyrosine hydroxylase has a key role in the physiology of adrenergic neurons.

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