

IHC*easy* TH Ready-To-Use IHC Kit

Catalog Number: **KHC2188**

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Mouse, Rat

Cited Reactivity:

Assay type:
Immunohistochemistry

Primary antibody type:
Rabbit Polyclonal

Secondary antibody type:
Polymer-HRP-Goat anti-Rabbit

Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

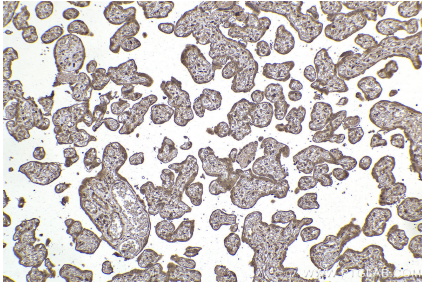
Background

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

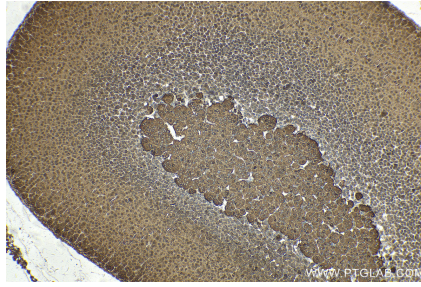
Synonyms

tyrosine hydroxylase, Tyrosine 3 monooxygenase, Tyrosine 3 hydroxylase, TYH, EC:1.14.16.2

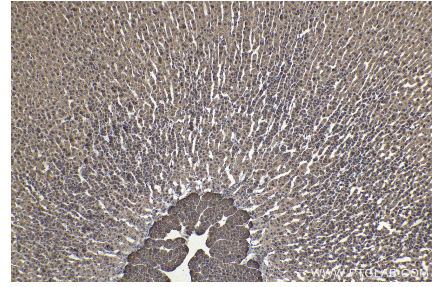
Selected Validation Data



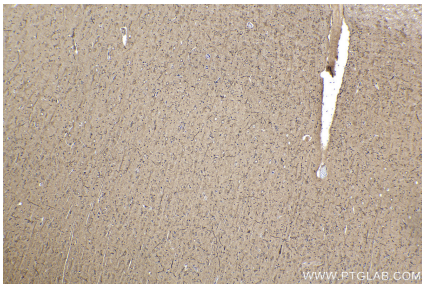
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC2188 (TH IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse adrenal gland tissue slide using KHC2188 (TH IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat adrenal gland tissue slide using KHC2188 (TH IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC2188 (TH IHC Kit).