

Allgemeine Informationen

Katalog-Nr.: 25859-1-AP	GenBank-Zugangsnummer: BC104967	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 800 µg/ml von Nanodrop;	GeneID (NCBI): 7054	Empfohlene Verdünnungen: WB 1:2000-1:10000 IP 0.5-4.0 ug für IP und 1:500-1:2000 für WB
Wirt: Kaninchen	Vollständiger Name: tyrosine hydroxylase	IHC 1:5000-1:20000 IF 1:200-1:800
Isotyp: IgG	Berechnete Masse: 528 aa, 59 kDa	
Immunogen Katalognummer: AG23075	Beobachtete Masse: 50-55 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, IP, WB, ELISA	Positivkontrollen: WB : Maushirngewebe, Rattenhirngewebe
In Publikationen genannte Anwendungen: IF, IHC, WB	IP : Maushirngewebe,
Getestete Reaktivität: Human, Maus, Ratte	IHC : Maushirngewebe, Mausherzgewebe, Rattenhirngewebe
Zitierte Arten: Human, Hund, Maus, Ratte, Zebrafisch, Mongolische Wüstenrennmaus (Gerbil)	IF : Maushirngewebe, SH-SY5Y-Zellen
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

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. This protein has 6 isoforms produced by alternative splicing with the MW from 44 kDa to 58 kDa.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Zhuqing Li	34607159	Redox Biol	IHC
Yuanhui Zhu	32926778	ACS Chem Neurosci	WB
Bailu Duan	36073658	Chem Biodivers	WB

Lagerung

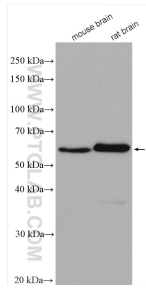
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

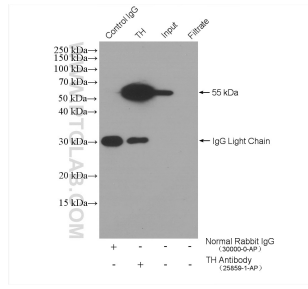
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

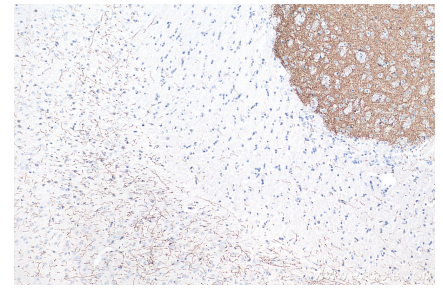
Ausgewählte Validierungsdaten



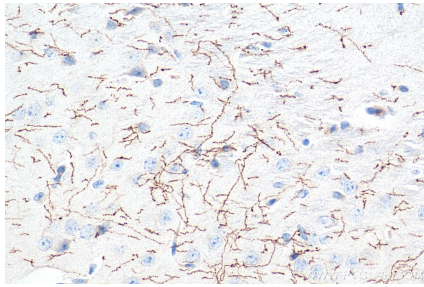
Various lysates were subjected to SDS PAGE followed by western blot with 25859-1-AP (TH antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



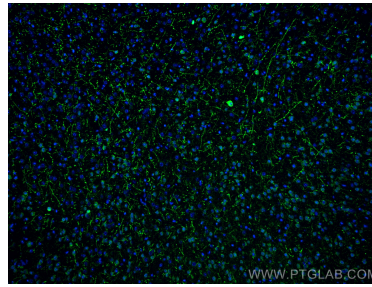
IP result of anti-TH (IP:25859-1-AP, 4ug; Detection:25859-1-AP 1:1000) with mouse brain tissue lysate 4000 ug.



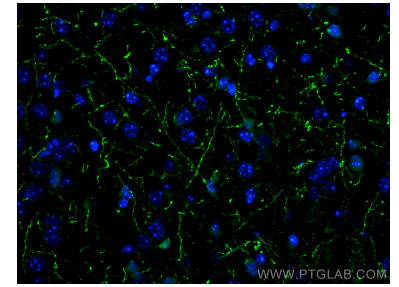
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 25859-1-AP (TH antibody) at dilution of 1:10000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 25859-1-AP (TH antibody) at dilution of 1:10000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using TH antibody (25859-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using TH antibody (25859-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).