À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-TH

Numéro de catalogue:25859-1-AP 95 Publications

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Informations de base

Numéro de catalogue:
25859-1-AP

Taille:
150ul , Concentration: 800 μg/ml by Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG23075

Numéro d'acquisition GenBank:
BC104967

Identification du gène (NCBI):
7054

Nom complet:
tyrosine hydroxylase

MW calculé
528 aa, 59 kDa

MW observés:
50-55 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:2000-1:10000
IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
IHC 1:5000-1:20000
IF 1:200-1:800

Applications

Applications testées:
IF, IHC, IP, WB, ELISA

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
canin, Humain, poisson-zèbre, rat, souris, Gerbille

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu cérébral de souris, tissu cérébral de rat

IP : tissu cérébral de souris,

IHC : tissu cérébral de souris, tissu cardiaque de souris, tissu cérébral de rat

IF : tissu cérébral de souris, cellules SH-SY5Y

Informations générales

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.

Publications notables

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

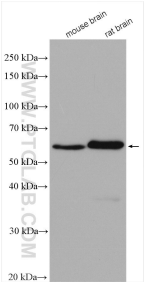
Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

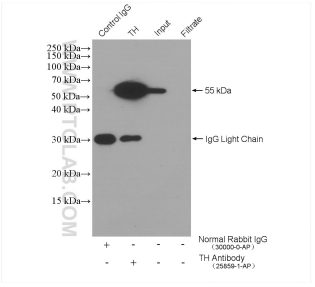
***** Les 20ul contiennent 0,1% de BSA.**

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

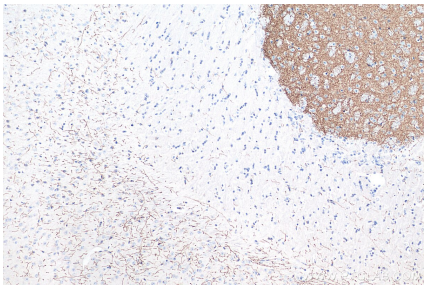
Données de validation sélectionnées



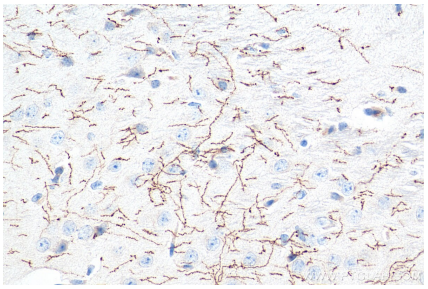
Various lysates were subjected to SDS PAGE followed by western blot with 25859-1-AP (TH antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



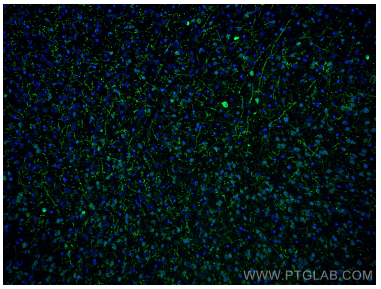
IP result of anti-TH (IP:25859-1-AP, 4ug; Detection:25859-1-AP 1:1000) with mouse brain tissue lysate 4000 ug.



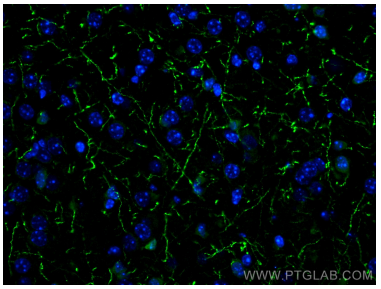
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 25859-1-AP (TH antibody) at dilution of 1:10000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).