

À des fins de recherche uniquement

Anticorps Monoclonal anti-TH

Numéro de catalogue: 66334-1-Ig

Phare

17 Publications



Informations de base

Numéro de catalogue: 66334-1-Ig	Numéro d'acquisition GenBank: BC104967	Méthode de purification: Purification par protéine G
Taille: 150ul, Concentration: 1700 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 7054	CloneNo.: 2H7B7
Hôte: Mouse	Nom complet: tyrosine hydroxylase	Dilutions recommandées: WB 1:3000-1:20000 IF 1:50-1:500
Isotype: IgG1	MW calculé: 528 aa, 59 kDa	
Immunogen Catalog Number: AG23075	MW observés: 55 kDa	

Applications

Applications testées: IF, WB, ELISA	Contrôles positifs: WB : cellules PC-12, cellules SH-SY5Y IF : cellules SH-SY5Y,
Demandes citées: IF, IHC, WB	
Spécificité de l'espèce: Humain	
Espèces citées: Humain	

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 DA and other catecholamines. TH plays an important role in the physiology of adrenergic neurons and can be used as a marker for DA and noradrenergic neurons.

Publications notables

Autrice	Pubmed ID	Journal	Application
Ting Yu	32971086	Eur J Pharmacol	WB
Amos H. P. Loh	36176417	Front Oncol	IHC
Emily-Rose Martin	36339621	Front Pharmacol	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.

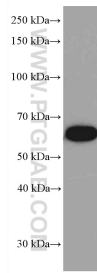
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

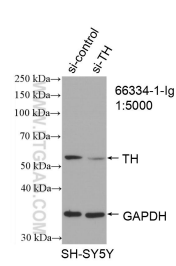
E: proteintech@ptglab.com
W: ptglab.com

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

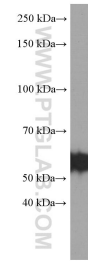
Données de validation sélectionnées



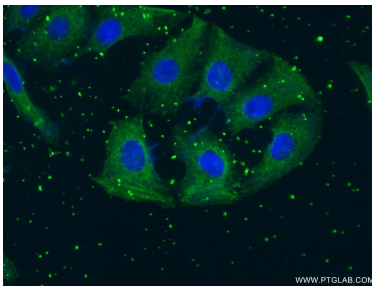
PC-12 cells were subjected to SDS PAGE followed by western blot with 66334-1-Ig (TH antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



WB result of TH antibody (66334-1-Ig; 1:5000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TH transfected SH-SY5Y cells.



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 66334-1-Ig (TH Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using 66334-1-Ig(TH antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).