

For Research Use Only

CoraLite® Plus 488-conjugated TH Polyclonal antibody

Catalog Number: CL488-25859

1 Publications



Basic Information

Catalog Number: CL488-25859	GenBank Accession Number: BC104967	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 7054	Recommended Dilutions: IF-P 1:50-1:500
Source: Rabbit	UNIPROT ID: P07101	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Full Name: tyrosine hydroxylase	
Immunogen Catalog Number: AG23075	Calculated MW: 528 aa, 59 kDa	
	Observed MW: 50-55 kDa	

Applications

Tested Applications: IF-P	Positive Controls: IF-P : mouse brain tissue,
Cited Applications: IF	
Species Specificity: human, mouse, rat	
Cited Species: rat	

Background Information

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Anqi Wang	37840624	Neuropsychiatr Dis Treat	IF

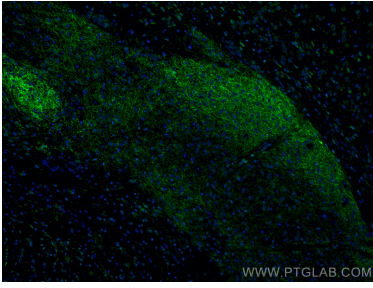
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

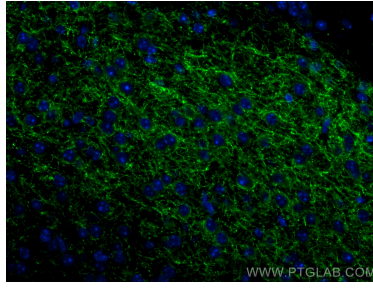
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite® Plus 488 TH antibody (CL488-25859) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite® Plus 488 TH antibody (CL488-25859) at dilution of 1:200.