

Tyrosine Hydroxylase Polyclonal Antibody

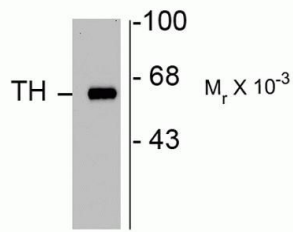
Product Details	
Size	100 µL
Species Reactivity	Human, Rat
Published Species	Fruit fly, Mouse
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	SDS-denatured rat tyrosine hydroxylase, purified from pheochromocytoma.
Form	Liquid
Purification	purified
Storage buffer	0.01M HEPES, pH 7.5, with 50% glycerol, 0.15M NaCl, 100µg/mL BSA
Contains	no preservative
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2539844

Applications	Tested	Dilution	Published
Immunocytochemistry (ICC)	✓	1:100-1:1000	1 Publication
Immunofluorescence (IF)	✓	1:100-1:1000	1 Publication
Immunohistochemistry (IHC)	-	1:1000	1 Publication
Immunohistochemistry (Frozen) (IHC (F))	✓	1:1000	
Western Blot (WB)	✓	1:1000	

Product Images For Tyrosine Hydroxylase Polyclonal Antibody

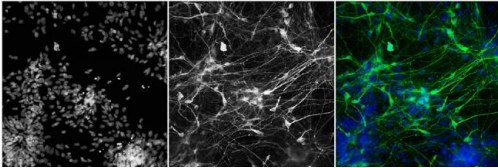
Tyrosine Hydroxylase Antibody (P21962) in WB

Western blot of 10 μ g of rat caudate lysate showing specific immunolabeling of the ~60 kDa TH protein.



Tyrosine Hydroxylase Antibody (P21962) in IF

Immunofluorescence analysis of DA neurons using anti-tyrosine hydroxylase (TH) antibody. H9 ESCs were differentiated with PSC Dopaminergic neuron differentiation kit. H9 ESCs were specified to become midbrain floor plate (FP) progenitors which were further expanded and cryopreserved. Recovered FP progenitors were then matured for additional 14 days. Expression of TH was labeled with 1st antibody, anti-TH (Product # P21962) followed by 2nd antibody AlexaFluor488 goat anti-rabbit (Product # A-21206, green). Nuclear DNA was stained with DAPI (blue).



3 References

Immunocytochemistry (1)

eNeuro

Wakefulness Is Promoted during Day Time by PDFR Signalling to Dopaminergic Neurons in *Drosophila melanogaster*.

Authors: Potdar S,Sheeba V

Species
Fruit fly

Dilution
Not Cited

Year
2019

Immunofluorescence (1)

eNeuro

Wakefulness Is Promoted during Day Time by PDFR Signalling to Dopaminergic Neurons in *Drosophila melanogaster*.

Authors: Potdar S,Sheeba V

Species
Fruit fly

Dilution
Not Cited

Year
2019

Immunohistochemistry (1)

Molecular neurobiology

Role of the IL-1 Pathway in Dopaminergic Neurodegeneration and Decreased Voluntary Movement.

"P21962 was used in immunohistochemistry to elucidate role of the IL-1 pathway on dopaminergic neurodegeneration and motor skills during aging"

Authors: Stojakovic A,Paz-Filho G,Arcos-Burgos M,Licinio J,Wong ML,Mastronardi CA

Species
Mouse

Dilution
1:1000

Year
2017

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