

DARPP-32 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Mouse, Rat
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of mouse DARPP-32.
Form	Liquid
Concentration	1.11 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol
Contains	0.025% ProClin 300
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2792923

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:10,000	-
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Frozen) (IHC (F))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-

Product Specific Information

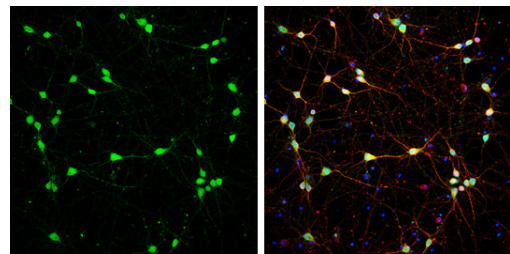
Keep as concentrated solution.

Predicted reactivity: Mouse (100%), Rat (100%), Rhesus Monkey (100%), Bovine (100%).

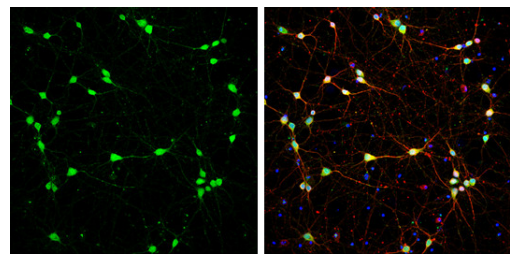
Positive Control: mouse brain, rat brain.

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

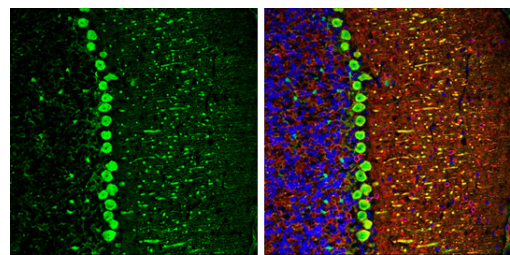
Product Images For DARPP-32 Polyclonal Antibody



DARPP-32 Antibody (PA5-85787) in ICC/IF
DARPP-32 Polyclonal Antibody detects DARPP-32 protein at cell body by immunofluorescent analysis. Sample: DIV9 rat E18 primary cortical neurons were fixed in 4% paraformaldehyde at RT for 15 min. Green: DARPP-32 protein stained by DARPP-32 Polyclonal Antibody (Product # PA5-85787) diluted at 1:500. Red: beta Tubulin 3/ Tuj1, stained by beta-3 Tubulin Polyclonal Antibody [GT11710] diluted at 1:500. Blue: Fluoroshield with DAPI .



DARPP-32 Antibody (PA5-85787) in ICC/IF
Immunocytochemistry analysis of DARPP-32 in 4% paraformaldehyde-fixed DIV9 rat E18 primary cortical neurons using DARPP-32 polyclonal antibody (Product # PA5-85787) at a dilution of 1:500. Sample was then incubated with beta Tubulin 3/ TUJ1 (red) and DAPI secondary antibody at a dilution of 1:500.



DARPP-32 Antibody (PA5-85787) in IHC (F)
DARPP-32 Polyclonal Antibody detects DARPP-32 protein expression by immunohistochemical analysis. Sample: Frozen-sectioned adult mouse cerebellum. Green: DARPP-32 protein stained by DARPP-32 Polyclonal Antibody (Product # PA5-85787) diluted at 1:250. Red: beta Tubulin 3/ TUJ1, stained by beta Tubulin 3/ TUJ1 antibody [GT11710] diluted at 1:500. Blue: Fluoroshield with DAPI .

View more figures on thermofisher.cn

1 Reference

Immunohistochemistry (1)

Nature neuroscience	
Full protection from SARS-CoV-2 brain infection and damage in susceptible transgenic mice conferred by MVA-CoV2-S vaccine candidate.	
"PA5-85787 was used in Immunohistochemistry-immunofluorescence to report a spatiotemporal description of SARS-CoV-2 infection and replication through the brain, in the susceptible transgenic K18-hACE2 mouse model of severe coronavirus disease 2019 (COVID-19)."	
Authors: Villadiego J,García-Arriaza J,Ramírez-Lorca R,García-Swinburn R,Cabello-Rivera D,Rosales-Nieves AE, Álvarez-Vergara MI,Cala-Fernández F,García-Roldán E,López-Ogáyar JL,Zamora C,Astorgano D,Albericio G,Pérez P, Muñoz-Cabello AM,Pascual A,Esteban M,López-Barneo J,Toledo-Aral JJ	
	Year 2023
	Species Mouse
	Dilution 1:250

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