

# DARPP-32 antibody

## Cat. No. GTX133350

Host	Rabbit
Clonality	Polyclonal
Isotype	lgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr
Reactivity	Mouse, Rat



## Applications

## **Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

WB 1:50	00-1:3000
ICC/IF 1:10	00-1:1000
IHC-P 1:10	00-1:1000
IHC-Fr 1:10	00-1:1000

Not tested in other applications.

Calculated MW 22 kDa. (Note)

Properties		
Form	Liquid	
Buffer	PBS, 1% BSA, 20% Glycerol	
Preservative	0.025% ProClin 300	
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.	
Concentration	0.27 mg/ml (Please refer to the vial label for the specific concentration.)	
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of mouse DARPP-32. The exact sequence is proprietary.	
Purification	Purified by antigen-affinity chromatography.	
Conjugation	Unconjugated	



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Date 2025 / 12 / 02 Page 1 of 2

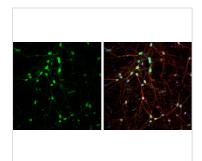


For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

#### Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

### DATA IMAGES



### GTX133350 ICC/IF Image

DARPP-32 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 antibody (GTX133350) diluted at 1:500. Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] (GTX631836) diluted at 1:500.

Fluoroshield with DAPI (GTX30920).

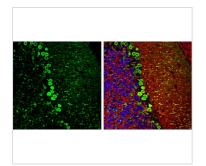


### GTX133350 IHC-P Image

DARPP-32 antibody detects DARPP-32 protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded rat cerebellum.

DARPP-32 stained by DARPP-32 antibody (GTX133350) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



#### GTX133350 IHC-Fr Image

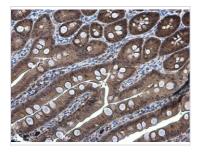
DARPP-32 antibody detects DARPP-32 protein expression by immunohistochemical analysis.

Sample: Frozen-sectioned adult mouse cerebellum.

Green: DARPP-32 protein stained by DARPP-32 antibody (GTX133350) diluted at 1:250.

Red: beta Tubulin 3/ TUJ1, stained by beta Tubulin 3/ TUJ1 antibody [GT11710] (GTX631836) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



### GTX133350 IHC-P Image

DARPP-32 antibody detects DARPP-32 protein at cytoplasm in mouse intestine by immunohistochemical analysis.

Sample: Paraffin-embedded mouse intestine.

DARPP-32 antibody (GTX133350) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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Date 2025 / 12 / 02 Page 2 of 2