

# DARPP-32 antibody

**Cat. No. GTX133350**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Application</b>	WB, ICC/IF, IHC-P, IHC-Fr
<b>Reactivity</b>	Mouse, Rat

★★★★☆ Review ( 1 )

**Package**  
100 µl, 25 µl

## APPLICATION

### Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	1:100-1:1000

Not tested in other applications.

**Calculated MW** 22 kDa. ( [Note](#) )

## PROPERTIES

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 1% BSA, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<b>Storage</b>	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.
<b>Concentration</b>	0.27 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the C-terminus region of mouse DARPP-32. The exact sequence is proprietary.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated



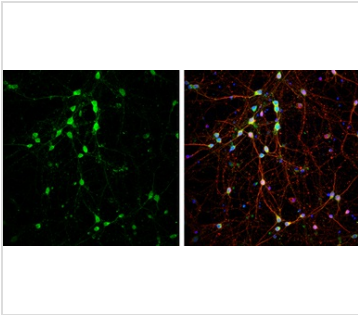
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

## 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

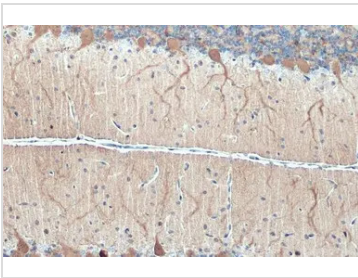
DARPP-32 antibody detects DARPP-32 protein at cell body by immunofluorescent analysis.

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).



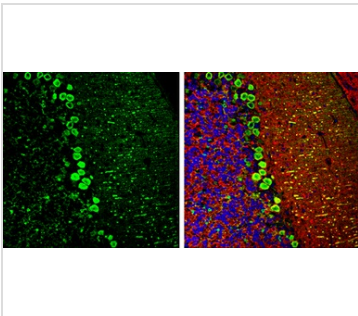
### GTX133350 IHC-P Image

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

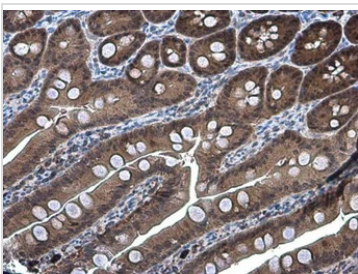
DARPP-32 antibody detects DARPP-32 protein expression by immunohistochemical analysis.

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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