

# Product Datasheet

## DARPP-32 Antibody (EP720Y)

### NB100-79931

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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**NB100-79931**

DARPP-32 Antibody (EP720Y)

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	EP720Y
<b>Preservative</b>	0.01% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Tissue culture supernatant
<b>Buffer</b>	49% PBS, 0.05% BSA and 50% Glycerol
Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	84152
<b>Gene Symbol</b>	PPP1R1B
<b>Species</b>	Human, Mouse, Rat, Porcine
<b>Marker</b>	Neuronal Marker
<b>Immunogen</b>	A synthetic peptide corresponding to residues near the N-terminal of human DARPP-32 was used as immunogen.
<b>Notes</b>	Produced using Abcam's RabMab® technology. RabMab® technology is covered by the following U.S. Patents, No. 5,675,063 and/or 7,429,487.
Product Application Details	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1: 5000-50000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:50-100, Immunoprecipitation 1:50, Immunohistochemistry-Paraffin 1:250-500, Immunohistochemistry-Frozen 1:7500
<b>Application Notes</b>	In Western blot this antibody detects a band at approximately 32kDa. Simple Western reported by an internal validation. Separated by Size-All, antibody dilution of 1:50-1:16000; matrix was 12-230 kDa.

**Publications**

Reinius B, Blunder M, Brett FM et al. Conditional targeting of medium spiny neurons in the striatal matrix. *Front Behav Neurosci* 2015-01-01 [PMID: 25870547] (IF/IHC)

Bode FJ, Stephan M, Suhling H et al. Sex differences in a transgenic rat model of Huntington's disease: decreased 17beta-estradiol levels correlate with reduced numbers of DARPP32+ neurons in males. *Hum Mol Genet* 2008-09-01 [PMID: 18502785]





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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