

Anti-DARPP32

(dopamine- and cAMP-regulated neuronal phosphoprotein/protein phosphatase 1, regulatory (inhibitory) subunit 1B (Ppp1r1b))

Product Information:

1)	Catalog #:	MSFR101110
	Item Name:	DARPP32 pAb (Rb) 20ug
	Size :	20µg (affinity-purified with antigen polypeptide)
	Species :	Rabbit
	Product Code :	DARPP-Rb-Af400
	RRID :	AB_2571683
2)	Catalog #:	MSFR101120
	Item Name:	DARPP32 pAb (Rb) 50ug
	Size :	50µg (affinity-purified with antigen polypeptide)
	Species :	Rabbit
	Product Code :	DARPP-Rb-Af400
	RRID :	AB_2571683
3)	Catalog #:	MSFR101130
	Item Name:	DARPP32 pAb (Go) 20ug
	Size :	20µg (affinity-purified with antigen polypeptide)
	Species :	Goat
	Product Code :	DARPP-Go-Af1090
	RRID :	AB_2571684
4)	Catalog #:	MSFR101140
	Item Name:	DARPP32 pAb (Go) 50ug
	Size :	50µg (affinity-purified with antigen polypeptide)
	Species :	Goat
	Product Code :	DARPP-Go-Af1090
	RRID :	AB_2571684
5)	Catalog #:	MSFR101150
	Item Name:	DARPP32 pAb (GP) 20ug
	Size :	20µg (affinity-purified with antigen polypeptide)
	Species :	Guinea pig
	Product Code :	DARPP-GP-Af250
	RRID :	AB_2571685
6)	Catalog #:	MSFR101160
	Item Name:	DARPP32 pAb (GP) 50ug
	Size :	50µg (affinity-purified with antigen polypeptide)
	Species :	Guinea pig
	Product Code :	DARPP-GP-Af250
	RRID :	AB_2571685

Formulation : Liquid ; 200 µg/ml in PBS with 0.05% NaN₃.

(affinity-purified with antigen polypeptide)

Storage : Store at cool temp. (2-10°C)

The antibody can be stored at 2-10°C. The antibody can be also aliquoted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardous. No MSDS required.

Species : rabbit / guinea pig / goat,
polyclonal

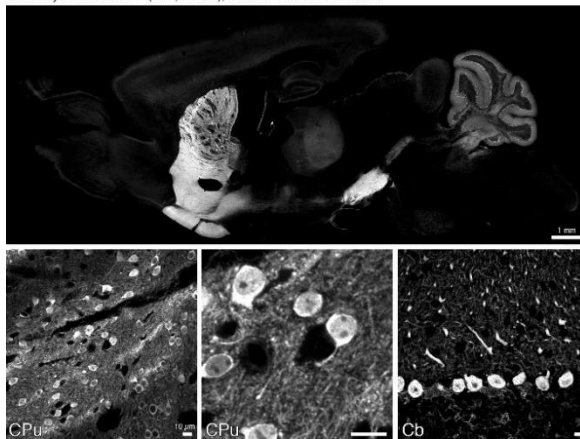
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Antigen : mouse, DARPP32 163-194 aa
(NM_144828)

Specificity : mouse (others not tested)

Immunoblot detects a single protein band at 32 kDa.in HEK cell lysates transfected with mouse DARPP32 and in brain homogenates. This strongly and almost selectively stains medium spiny neurons in the striatum (see reference 1).

Antibody check: DARPP (C32; Rabbit), section: 4% PFA-microslicer



Applications : In general, affinity-purified antibody is used at around 1 microgram/ml for immunoblot and immunohistochemistry. The most appropriate concentration should be determined by users, because it depends on contents in given cells, tissues and organs.

Research Use : For research use only, not for use in diagnostic procedures.

Remarks :

Reference : 1) Uchigashima M, Ohtsuka T, Kobayashi K, Watanabe M. Striatal dopamine synapses are neuroligin-2-mediated contact between dopaminergic presynaptic and GABAergic postsynaptic structures. *Proc Natl Acad Sci USA*, in press

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