

Anti-DARPP32

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

Code Number : DARPP-Rb-Af400 (rabbit, RRID : AB_2571683)
 : DARPP-Go-A1090 (goat, RRID : AB_2571684)
 : DARPP-GP-A250 (guinea pig, RRID : AB_2571685)

Size : 20 µg and 50 µg / See label on vial
 (affinity-purified with antigen polypeptide)

Formulation : Liquid ; 200 µg/ml in PBS with 0.05% NaN₃.
 (affinity-purified with antigen polypeptide)

Storage : Store at 4°C. The antibody can be stored at 4°C. The antibody can be also aliquotted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardous. No MSDS required.

Species : rabbit / guinea pig / goat,
 polyclonal

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

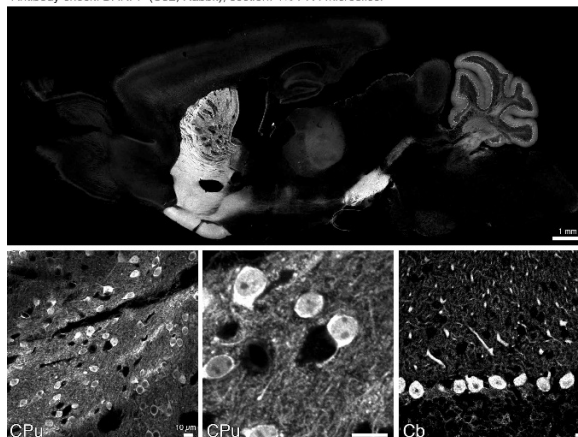
Specificity : mouse (others not tested)

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).

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.

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



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