

Anti-D1R

(dopamine receptor-1)

Code Number : D1R-Go-Af 1000 (goat, RRID : AB_2571594)

: D1R-GP- Af500 (guinea pig, RRID : AB_2571595)

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.

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.

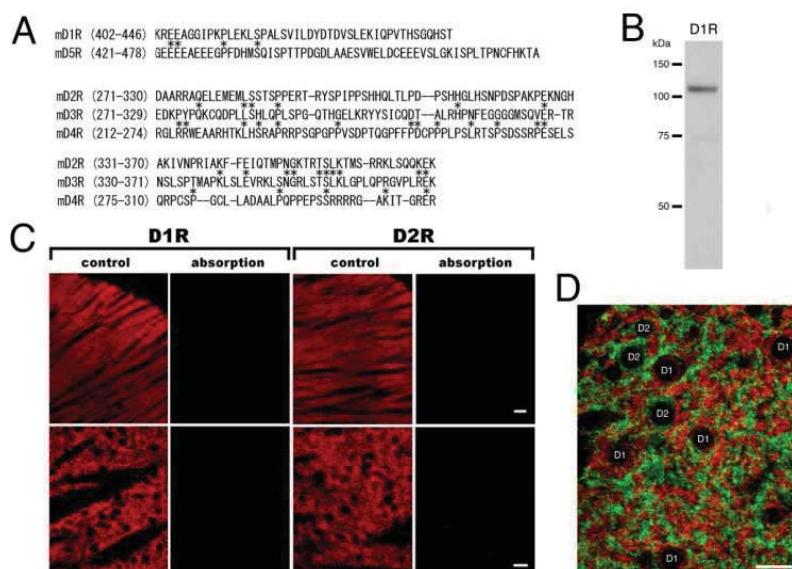
Non-hazardous. No MSDS required.

Species : guinea pig / goat, polyclonal

Antigen : mouse, C- terminus 45 aa (NM010076),

Specificity : mouse (others not tested)

Immunoblot detects a protein bands at 105 kDa.



Applications : In general, affinity -purified antibody is used at around 1 microgram/ml for immunoblot and immunohistochemistry. The most appropriate concentration should be



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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 : This stains nearly a half population of striatal medium spiny neurons.

Reference : 1) Narushima, M., Uchigashima, M., Hashimoto, K., Watanabe, M., Kano, M. (2006)
Depolarization- induced suppression of inhibition mediated by endocannabinoid at synapses
from fast- spiking interneurons to medium spiny neurons in the striatum. Eur. J. Neurosci .
24:2246-2252.

2) Uchigashima M, Narushima M, Fukaya M, Katona I, Kano M, Watanabe M: Subcellular
arrangement of molecules for 2 -arachidonoyl-glycerol- mediated retrograde signaling and its
physiological contribution to synaptic modulation in the striatum. J. Neurosci. , 27:3663-3676,
2007.



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TOYO EKIMAE BLDG. 2-20, TOYO 2-CHOME, KOTO-KU, TOKYO 135-0016 JAPAN
TEL: (81)3-5632-9617 / FAX: (81)3-5632-9618 / e-mail: export@cosmobio.co.jp / URL:www.cosmobio.com