

Anti-D1R

(dopamine receptor-1)

Product Information:

1) Catalog #:	MSFR101010
Item Name:	D1R (dopamine receptor-1) pAb (Go) 20ug
Size :	20µg (affinity-purified with antigen polypeptide)
Species :	Goat
Product Code :	D1R-Go-Af1000
RRID :	AB_2571594
2) Catalog #:	MSFR101020
Item Name:	D1R (dopamine receptor-1) pAb (Go) 50ug
Size :	50µg (affinity-purified with antigen polypeptide)
Species :	Goat
Product Code :	D1R-Go-Af1000
RRID :	AB_2571594
3) Catalog #:	MSFR101030
Item Name:	D1R (dopamine receptor-1) pAb (GP) 20ug
Size :	20µg (affinity-purified with antigen polypeptide)
Species :	Guinea pig
Product Code :	D1R-GP-Af500
RRID :	AB_2571595
4) Catalog #:	MSFR101040
Item Name:	D1R (dopamine receptor-1) pAb (GP) 50ug
Size :	50µg (affinity-purified with antigen polypeptide)
Species :	Guinea pig
Product Code :	D1R-GP-Af500
RRID :	AB_2571595

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

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.

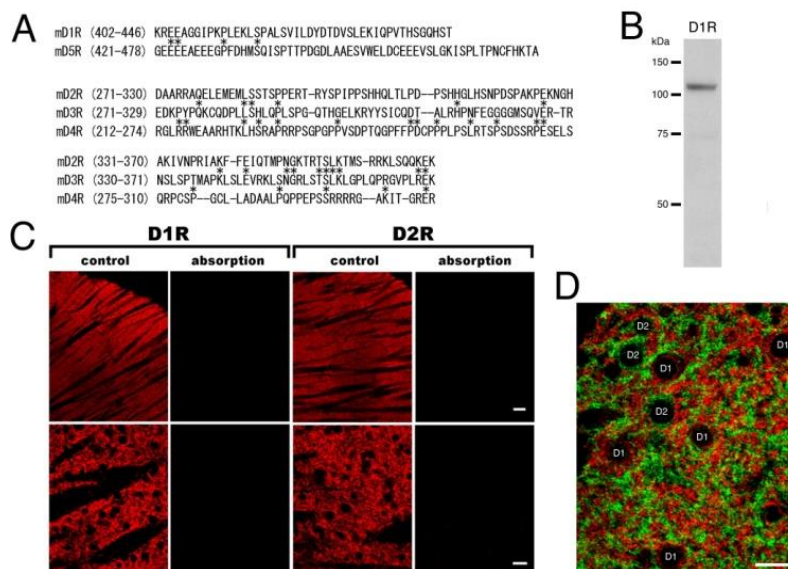
Species : guinea pig / goat, polyclonal

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

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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 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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