

Anti-D2R

(dopamine receptor-2)

Product Information:

1) Catalog #:	MSFR101060
Item Name:	D2R (dopamine receptor-2) pAb (Rb) 20ug
Size :	20µg (affinity-purified with antigen polypeptide)
Species :	Rabbit
Product Code :	D2R-Rb-Af960
RRID :	AB_2571596
2) Catalog #:	MSFR101070
Item Name:	D2R (dopamine receptor-2) pAb (Rb) 50ug
Size :	50µg (affinity-purified with antigen polypeptide)
Species :	Rabbit
Product Code :	D2R-Rb-Af960
RRID :	AB_2571596
3) Catalog #:	MSFR101080
Item Name:	D2R (dopamine receptor-2) pAb (GP) 20ug
Size :	20µg (affinity-purified with antigen polypeptide)
Species :	Guinea pig
Product Code :	D2R-GP-Af500
RRID :	AB_2571597
4) Catalog #:	MSFR101090
Item Name:	D2R (dopamine receptor-2) pAb (GP) 50ug
Size :	50µg (affinity-purified with antigen polypeptide)
Species :	Guinea pig
Product Code :	D2R-GP-Af500
RRID :	AB_2571597
5) Catalog #:	MSFR107470
Item Name:	D2R (dopamine receptor-2) pAb (GP) 20ug
Size :	20µg (affinity-purified with antigen polypeptide)
Species :	Guinea pig
Product Code :	D2R-GP-Af670
RRID :	AB_2571597
6) Catalog #:	MSFR107480
Item Name:	D2R (dopamine receptor-2) pAb (GP) 50ug
Size :	50µg (affinity-purified with antigen polypeptide)
Species :	Guinea pig
Product Code :	D2R-GP-Af670
RRID :	AB_2571597

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.

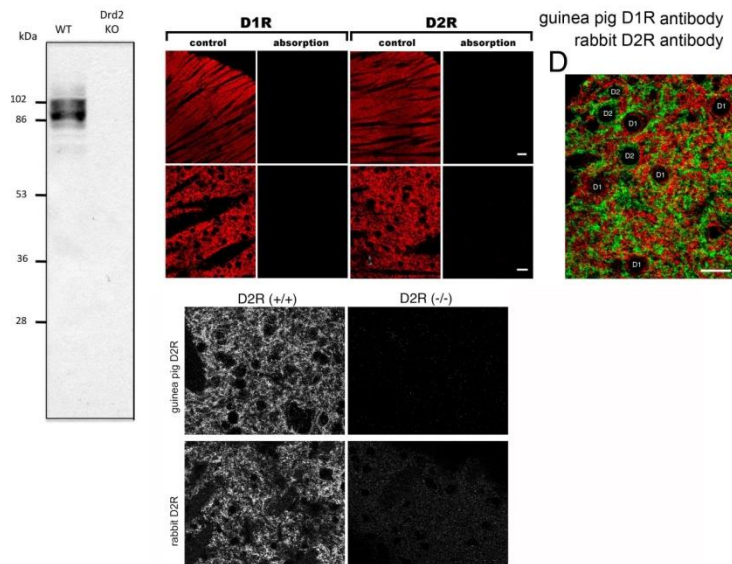
Species : rabbit / guinea pig, polyclonal

Antigen : mouse, the third intracellular loop, 271–370aa (NM010077)

ご注意 : 本商品には 0.1 % 未満のアジ化ナトリウムが入っています。誤って目や口に入ったり、皮膚に付着した場合は大量の水で洗い流してください。

Specificity : mouse (others not tested)

Immunoblot with rabbit D2R detects broad protein bands at 90-100 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. Note striatal interneurons also express D2R.

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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