

## *Anti-nNOS*

*(nitric oxide synthase)*

### Product Information:

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1)	<b>Catalog #:</b>	MSFR104560
	<b>Item Name:</b>	nNOS pAb (Rb) 20ug
	<b>Species :</b>	20µg (affinity-purified with antigen polypeptide)
	<b>Size :</b>	Rabbit
	<b>Product Code :</b>	nNOS-Rb-Af480
	<b>RRID :</b>	AB_2571815
2)	<b>Catalog #:</b>	MSFR104570
	<b>Item Name:</b>	nNOS pAb (Rb) 50ug
	<b>Species :</b>	50µg (affinity-purified with antigen polypeptide)
	<b>Size :</b>	Rabbit
	<b>Product Code :</b>	nNOS-Rb-Af480
	<b>RRID :</b>	AB_2571815
3)	<b>Catalog #:</b>	MSFR104580
	<b>Item Name:</b>	nNOS pAb (GP) 20ug
	<b>Species :</b>	20µg (affinity-purified with antigen polypeptide)
	<b>Size :</b>	Guinea pig
	<b>Product Code :</b>	nNOS-GP-Af740
	<b>RRID :</b>	AB_2571816
4)	<b>Catalog #:</b>	MSFR104590
	<b>Item Name:</b>	nNOS pAb (GP) 50ug
	<b>Species :</b>	50µg (affinity-purified with antigen polypeptide)
	<b>Size :</b>	Guinea pig
	<b>Product Code :</b>	nNOS-GP-Af740
	<b>RRID :</b>	AB_2571816
5)	<b>Catalog #:</b>	MSFR107100
	<b>Item Name:</b>	nNOS pAb (Go)
	<b>Species :</b>	20µg (affinity-purified with antigen polypeptide)
	<b>Size :</b>	Goat
	<b>Product Code :</b>	nNOS-Go-Af240
	<b>RRID :</b>	AB_2858212
6)	<b>Catalog #:</b>	MSFR107110
	<b>Item Name:</b>	nNOS pAb (Go)
	<b>Species :</b>	50µg (affinity-purified with antigen polypeptide)
	<b>Size :</b>	Goat
	<b>Product Code :</b>	nNOS-Go-Af240
	<b>RRID :</b>	AB_2858212

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**Formulation :** Liquid ; 200 µg/ml in PBS with 0.05% NaN<sub>3</sub>.

**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.

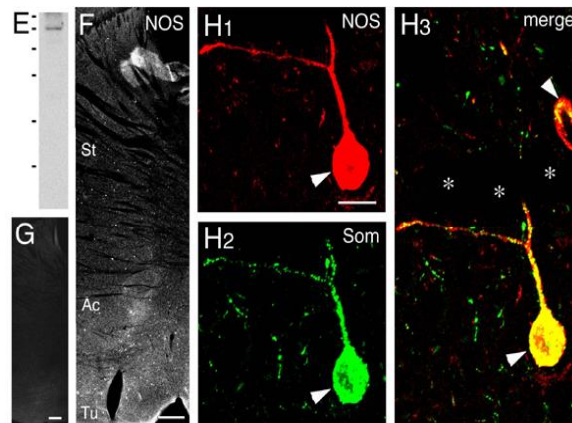
**Species :** rabbit / guinea pig / goat , polyclonal

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。

**Antigen** : mouse nNOS, C-terminal 15 aa (NM008712)

**Specificity** : mouse (others not tested)

Immunoblot detects a single protein band at 150 kDa. This strongly stains somatostatin interneurons in the striatum. See the below reference 1 for immunoblot and immunohistochemistry.



**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** : Rabbit antibody is higher than guinea pig one in the titer.

**Reference** : 1. Narushima M, Uchigashima M, Matsui M, Manabe T, Watanabe M, Kano M: Tonic enhancement of endocannabinoid-mediated retrograde suppression of inhibition by cholinergic interneuron activity in the striatum. *J. Neurosci.*, 27:496-506, 2007.  
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  
3. Hozumi Y, Fukaya M, Adachi N, Saito N, Otani K, Kondo H, Watanabe M, Goto K: Diacylglycerol kinase b  $\alpha$  accumulates on the perisynaptic site of medium spiny neurons in the striatum. *Eur J Neurosci*, 28:2409-2422, 2008.

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