

## *Anti-DGL $\alpha$*

*(diacylglycerol lipase- $\alpha$ )*

### Product Information:

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1)	<b>Catalog #:</b>	MSFR101290
	<b>Item Name:</b>	DGL $\alpha$ pAb (Rb) 20ug
	<b>Size :</b>	20 $\mu$ g (affinity-purified with antigen polypeptide)
	<b>Species :</b>	Rabbit
	<b>Product Code :</b>	DGL $\alpha$ -Rb-Af380
	<b>RRID :</b>	AB_2571691
2)	<b>Catalog #:</b>	MSFR101300
	<b>Item Name:</b>	DGL $\alpha$ pAb (Rb) 50ug
	<b>Size :</b>	50 $\mu$ g (affinity-purified with antigen polypeptide)
	<b>Species :</b>	Rabbit
	<b>Product Code :</b>	DGL $\alpha$ -Rb-Af380
	<b>RRID :</b>	AB_2571691
3)	<b>Catalog #:</b>	MSFR101310
	<b>Item Name:</b>	DGL $\alpha$ pAb (Go) 20ug
	<b>Size :</b>	20 $\mu$ g (affinity-purified with antigen polypeptide)
	<b>Species :</b>	Goat
	<b>Product Code :</b>	DGL $\alpha$ -Go-Af1080
	<b>RRID :</b>	AB_2571692
4)	<b>Catalog #:</b>	MSFR101320
	<b>Item Name:</b>	DGL $\alpha$ pAb (Go) 50ug
	<b>Size :</b>	50 $\mu$ g (affinity-purified with antigen polypeptide)
	<b>Species :</b>	Goat
	<b>Product Code :</b>	DGL $\alpha$ -Go-Af1080
	<b>RRID :</b>	AB_2571692
5)	<b>Catalog #:</b>	MSFR101330
	<b>Item Name:</b>	DGL $\alpha$ pAb (GP) 20ug
	<b>Size :</b>	20 $\mu$ g (affinity-purified with antigen polypeptide)
	<b>Species :</b>	Guinea pig
	<b>Product Code :</b>	DGL $\alpha$ -GP-Af380
	<b>RRID :</b>	MSFR101340
6)	<b>Catalog #:</b>	DGL $\alpha$ pAb (GP) 50ug
	<b>Item Name:</b>	50 $\mu$ g (affinity-purified with antigen polypeptide)
	<b>Size :</b>	Guinea pig
	<b>Species :</b>	DGL $\alpha$ -GP-Af380
	<b>Product Code :</b>	AB_2571693
	<b>RRID :</b>	MSFR101340

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**Formulation** : Liquid ; 200  $\mu$ g/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 DGL $\alpha$ ,  
C-terminal 42 aa (NM198114)

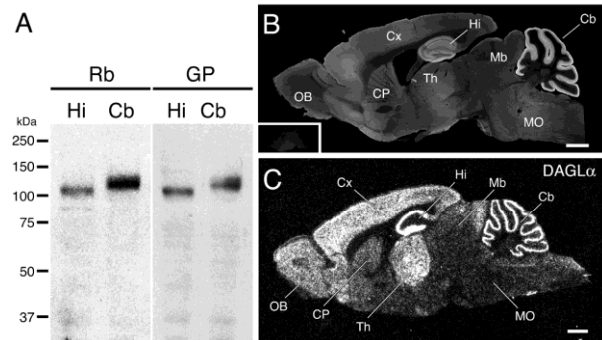
**Specificity** : mouse (others not tested)  
see the references.

**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 and goat DGL $\alpha$  antibodies are higher in titer than guinea pig antibody.

**Reference** : 1) Yoshida, T., Fukaya, M., Uchigashima, M., Kamiya, H., Kano, M., Watanabe, M. (2006) Localization of diacylglycerol lipase- $\alpha$  around postsynaptic spine suggests close proximity between production site of an endocannabinoid, 2-arachidonoyl-glycerol, and presynaptic cannabinoid CB1 receptor. *J. Neurosci.* 26: 4740-4751.  
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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Distributor : NITTOBO MEDICAL CO., LTD  
TEL : +81-(0)3-4582-5451  
email : nmd-tokuhan@nittobogrp.com

Manufacture : FRONTIER INSTITUTE CO., LTD