

Anti-Gephyrin

Product Information:

1)	Catalog #:	MSFR101760
	Item Name:	Gephyrin(1-45) pAb (Rb) 20ug
	Size :	20µg (affinity-purified with antigen polypeptide)
	Species :	Rabbit
	Product Code :	Gephyrin-Rb-Af1330
	RRID :	AB_2571705
2)	Catalog #:	MSFR101770
	Item Name:	Gephyrin(1-45) pAb (Rb) 50ug
	Size :	50µg (affinity-purified with antigen polypeptide)
	Species :	Rabbit
	Product Code :	Gephyrin-Rb-Af1330
	RRID :	AB_2571705
3)	Catalog #:	MSFR101780
	Item Name:	Gephyrin(54-94) pAb (Rb) 20ug
	Size :	20µg (affinity-purified with antigen polypeptide)
	Species :	Rabbit
	Product Code :	Gephyrin-Rb-Af830
	RRID :	AB_2571706
4)	Catalog #:	MSFR101790
	Item Name:	Gephyrin(54-94) pAb (Rb) 50ug
	Size :	50µg (affinity-purified with antigen polypeptide)
	Species :	Rabbit
	Product Code :	Gephyrin-Rb-Af830
	RRID :	AB_2571706

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

(affinity-purified with antigen polypeptide)

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.

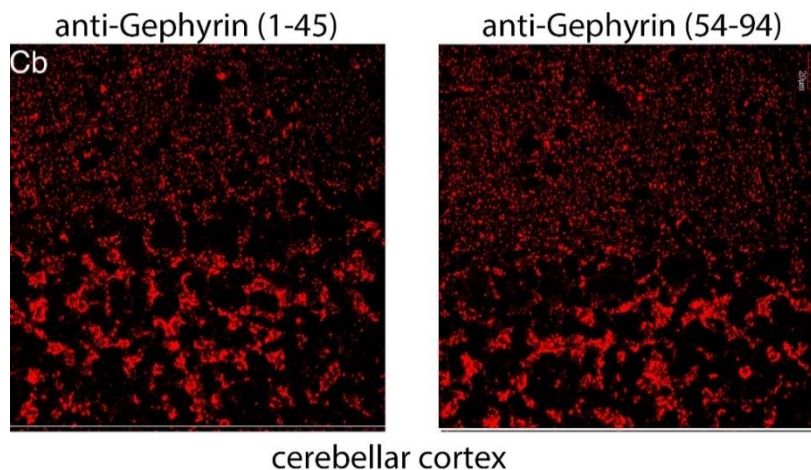
Species : rabbit, polyclonal

Antigen : mouse, 1-45aa for Gephyrin-Rb-Af1330 & 54-94aa for Gephyrin-Rb-Af830 (NM_172952)

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Specificity : mouse (others not tested)

Immunoblot detects a protein band at 80 kDa in mouse brains. This antibody selectively labels inhibitory synapses.



Applications : This can be used for immunohistochemistry and immunoblot.

Research Use : For research use only, not for use in diagnostic procedures.

Remarks :

Reference : 1) Ichikawa R, Yamasaki M, Miyazaki T, Konno K, Hashimoto K, Tatsumi H, Inoue Y, Kano M, Watanabe M: Developmental switching of perisomatic innervation from climbing fibers to basket cell fibers in cerebellar Purkinje cells. *J. Neurosci.* 31:16916-16927, 2011.

2) Iwakura A, Uchigashima M, Miyazaki T, Yamasaki M, Watanabe M: Lack of molecular-anatomical evidence for GABAergic influence upon axon initial segment of cerebellar Purkinje cells by the pinceau formation. *J. Neurosci.* 32:9438-9448.

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Distributor : NITTOBO MEDICAL CO., LTD
TEL : +81-(0)3-4582-5451
email : nmd-tokuhan@nittobogrp.com

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