

Anti-MCT4

(monocarboxylate transporter-4 or *Slc16a3*)

Product Information:

1)	Catalog #:	MSFR103910
	Item Name:	MCT4 (Slc16a3) pAb (Rb) 20ug
	Size :	20μg (affinity-purified with antigen polypeptide)
	Species :	Rabbit
	Product Code :	MCT4-Rb-Af420
	RRID :	AB_2571797
2)	Catalog #:	MSFR103920
	Item Name:	MCT4 (Slc16a3) pAb (Rb) 50ug
	Size :	50μg (affinity-purified with antigen polypeptide)
	Species :	Rabbit
	Product Code :	MCT4-Rb-Af420
	RRID :	AB_2571797

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

Storage : Store at cool temp. (2-10°C)

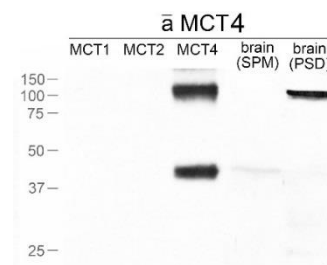
The antibody can be stored at 2-10°C. The antibody can be also aliquoted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardous. No MSDS required.

Species : rabbit, polyclonal

Antigen : mouse MCT4, 444-470 aa
 (NM_001038654.1)

Specificity : mouse (others not tested)

The specificity of MCT4 antibody was confirmed by selective detection of 40 and 100 kDa bands in HEK293T lysates transfected with MCT4, but not MCT1 or MCT2.



In fractionated brain samples, 37kDa band is detected in the SPM fraction, while 100 kDa band is detected in the PSD fraction. In immunohistochemistry, MCT2 is detected in a cell-type dependent manner, for example, the tail of spermatids and sperm tail in the testis. In the brain, MCT4 is not expressed in the capillary and does not overlap with MCT1.

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。

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

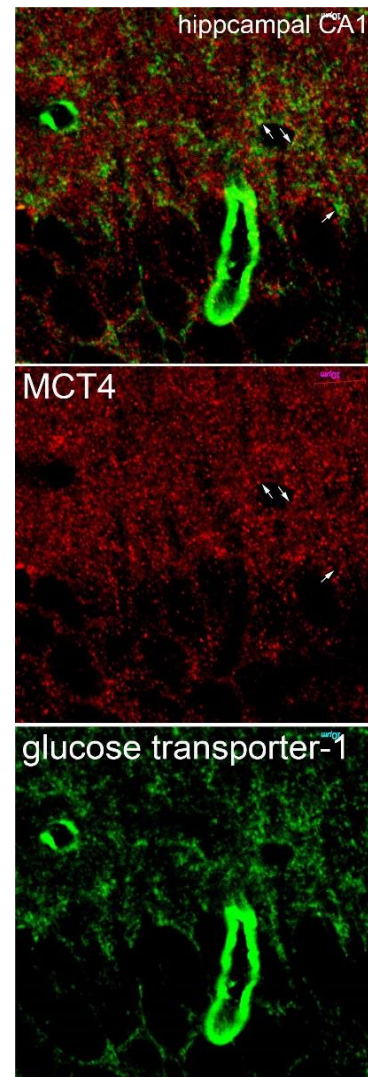
Manufacture : FRONTIER INSTITUTE CO., LTD

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 :

Reference : 1) Kaji I, Iwanaga T, Watanabe M, Guth P, Engel E, Kaunitz J, Akiba Y: SCFA transport in rat duodenum. **Am J Physiol Gastrointest Liver Physiol**, 308:G188-197, 2015.



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。

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

Manufacture : FRONTIER INSTITUTE CO., LTD