

## *Anti-MCT2*

*(monocarboxylate transporter-2 or Slc16a7)*

**Code Number** : MCT2-Rb-Af310 (rabbit, RRID : AB\_2571796)

**Size** : 20 µg and 50 µg / See label on vial  
(affinity-purified with antigen polypeptide)

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

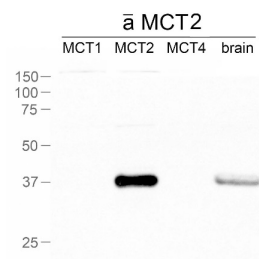
**Storage** : Store at 4°C. The antibody can be stored at 4°C. The antibody can be also aliquotted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardrous. No MSDS required.

**Species** : rabbit, polyclonal

**Antigen** : mouse MCT2, 441-484aa  
(NM\_0111391)

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

The specificity of MCT2 antibody was confirmed by selective detection of 37 kDa band in HEK293T lysates transfected with MCT2, but not MCT1 or MCT4 and in brain homogenates. In immunohistochemistry, MCT2 is detected in a cell-type dependent manner, for example, the tail of spermatids and sperm tail in the testis.



**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) Kishimoto A, Ishiguro-Oonuma T, Takahashi R, Maekawa M, Toshimori K, Watanabe M,

Iwanaga T: Immunohistochemical localization of GLUT3, MCT1, and MCT2 in the testes of mice and rats: the use of different energy sources in spermatogenesis. **Biomed Res** 36:225-234, 2015.