

## *Anti-CK-Mi*

*(ubiquitous mitochondrial creatine kinase)*

### Product Information:

1) <b>Catalog #:</b>	MSFR100960
<b>Item Name:</b>	CK-Mi pAb (Rb) 20ug
<b>Size :</b>	20µg (affinity-purified with antigen polypeptide)
<b>Species :</b>	Rabbit
<b>Product Code :</b>	CKMi-Rb-Af568
<b>RRID :</b>	AB_2571681
2) <b>Catalog #:</b>	MSFR100970
<b>Item Name:</b>	CK-Mi pAb (Rb) 50ug
<b>Size :</b>	50µg (affinity-purified with antigen polypeptide)
<b>Species :</b>	Rabbit
<b>Product Code :</b>	CKMi-Rb-Af568
<b>RRID :</b>	AB_2571681
3) <b>Catalog #:</b>	MSFR100980
<b>Item Name:</b>	CK-Mi pAb (GP) 20ug
<b>Size :</b>	20µg (affinity-purified with antigen polypeptide)
<b>Species :</b>	Guinea pig
<b>Product Code :</b>	CKMi-GP-Af516
<b>RRID :</b>	AB_2571682
4) <b>Catalog #:</b>	MSFR100990
<b>Item Name:</b>	CK-Mi pAb (GP) 50ug
<b>Size :</b>	50µg (affinity-purified with antigen polypeptide)
<b>Species :</b>	Guinea pig
<b>Product Code :</b>	CKMi-GP-Af516
<b>RRID :</b>	AB_2571682

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

(affinity-purified with antigen polypeptide)

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

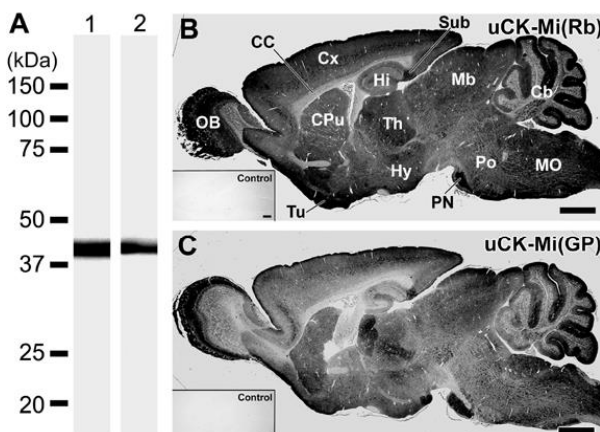
The antibody can be stored at 2-10°C. The antibody can be also aliquoted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardous. No MSDS required.

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

**Antigen** : mouse CK-Mi, 386-418 aa  
 (BC025976)

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

Immunoblot detects a single protein band at 42 kDa. This stains neuronal mitochondria distributed in dendrites, cell bodies, axons, and terminals.



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。

**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 guinea pig antibodies are similar in titer and specificity.

**Reference** : Tachikawa, M., Fukaya, M., Terasaki, T., Ohtsuki, S., Watanabe, M. (2004) Distinct cellular expressions of creatine synthetic enzyme GAMT and creatine kinases uCK-Mi and CK-B suggest novel neuron-gial relationship for brain energy homeostasis. **Eur. J. Neurosci.**, 20:144-160.

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