

## *Anti-KChIP3*

*(potassium voltage-gated channel interacting protein 3)*

### Product Information:

---

1)	<b>Catalog #:</b>	MSFR103560
	<b>Item Name:</b>	KChIP3 pAb (Rb) 20ug
	<b>Size :</b>	20µg (affinity-purified with antigen polypeptide)
	<b>Species :</b>	Rabbit
	<b>Product Code :</b>	KChIP3-Rb-Af400
	<b>RRID :</b>	AB_2571649
2)	<b>Catalog #:</b>	MSFR103570
	<b>Item Name:</b>	KChIP3 pAb (Rb) 50ug
	<b>Size :</b>	50µg (affinity-purified with antigen polypeptide)
	<b>Species :</b>	Rabbit
	<b>Product Code :</b>	KChIP3-Rb-Af400
	<b>RRID :</b>	AB_2571649
3)	<b>Catalog #:</b>	MSFR103580
	<b>Item Name:</b>	KChIP3 pAb (GP) 20ug
	<b>Size :</b>	20µg (affinity-purified with antigen polypeptide)
	<b>Species :</b>	Guinea pig
	<b>Product Code :</b>	KChIP3-GP-Af500
	<b>RRID :</b>	AB_2571650
4)	<b>Catalog #:</b>	MSFR103590
	<b>Item Name:</b>	KChIP3 pAb (GP) 50ug
	<b>Size :</b>	50µg (affinity-purified with antigen polypeptide)
	<b>Species :</b>	Guinea pig
	<b>Product Code :</b>	KChIP3-GP-Af500
	<b>RRID :</b>	AB_2571650

---

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

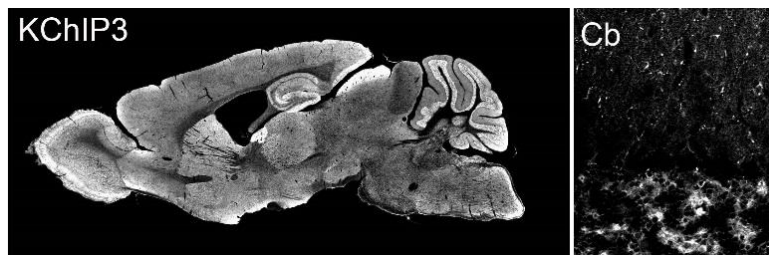
**Storage :** Store at cool temp. (2-10°C)

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, polyclonal

**Antigen :** rat KChIP3, 239-256aa (NM\_032462) detection of protein bands in immunoblot using lysates from HEK293T cells transfected with K

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。



**Specificity** : The specificity of KChIP3 antibody was confirmed by selectiveChIp3, but not KChIP1 or KChIP2, and in the brain. Immunohistochemical signals by KChIP3 antibody show good overlap with Kv4 potassium channels (see the reference 1).

**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** : paper in submission

1) Fukaya M, Yamasaki M, Song X, Uchigashima M, Miyazaki T, Konno K, Matsuda K, Nakamoto C, Pérez-Otaño I, Yuzaki M, Sakimura K, Watanabe M: GluN3A clusters with Kv4.3 at non-synaptic climbing fiber-interneuron junctions in the cerebellum and modulates Kv4.3 function. submitted

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