

## *Anti-Kv4.3*

(Kcnd3)

### Product Information:

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1)	<b>Catalog #:</b>	MSFR103680
	<b>Item Name:</b>	Kv4.3 (Kcnd3) pAb (Go) 20ug
	<b>Size :</b>	20µg (affinity-purified with antigen polypeptide)
	<b>Species :</b>	Goat
	<b>Product Code :</b>	Kv4.3-Go-Af1220
	<b>RRID :</b>	AB_2571651
2)	<b>Catalog #:</b>	MSFR103690
	<b>Item Name:</b>	Kv4.3 (Kcnd3) pAb (Go) 50ug
	<b>Size :</b>	50µg (affinity-purified with antigen polypeptide)
	<b>Species :</b>	Goat
	<b>Product Code :</b>	Kv4.3-Go-Af1220
	<b>RRID :</b>	AB_2571651
3)	<b>Catalog #:</b>	MSFR103700
	<b>Item Name:</b>	Kv4.3 (Kcnd3) pAb (GP) 20ug
	<b>Size :</b>	20µg (affinity-purified with antigen polypeptide)
	<b>Species :</b>	Guinea pig
	<b>Product Code :</b>	Kv4.3-GP-Af390
	<b>RRID :</b>	AB_2571652
4)	<b>Catalog #:</b>	MSFR103710
	<b>Item Name:</b>	Kv4.3 (Kcnd3) pAb (GP) 50ug
	<b>Size :</b>	50µg (affinity-purified with antigen polypeptide)
	<b>Species :</b>	Guinea pig
	<b>Product Code :</b>	Kv4.3-GP-Af390
	<b>RRID :</b>	AB_2571652

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

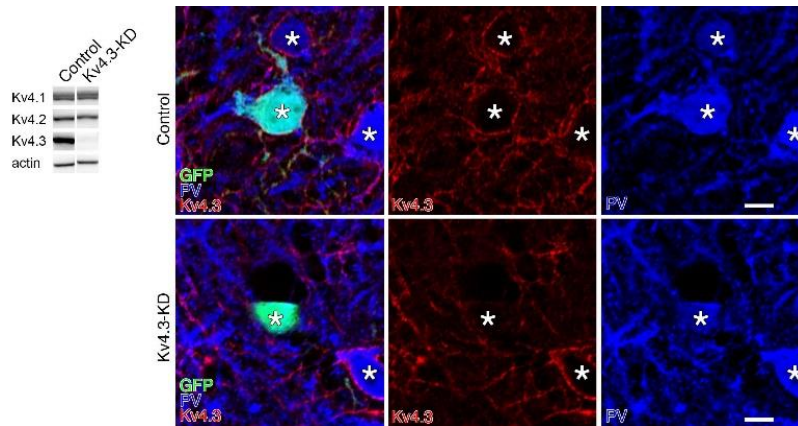
**Storage :** Store at cool temp. (2-10°C)

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 :** guinea pig / goat, polyclonal

**Antigen :** mouse Kv4.3, 607-636aa (NM\_001039347)

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 Kv4.3 antibody was confirmed by selective reduction of Kv4.3, but not Kv4.1 and Kv4.2, in immunoblot using lysates from HEK293T cells transfected with Kv4.3-knockdown miRNA, and also by diminished immunohistochemical labeling of Kv4.3 in neurons transfected with Kv4.3-knockdown miRNA.

**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

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