

Anti-Kv4.3

(*Kcnd3*)

Code Number: Kv4.3-Go-Af1220 (goat, RRID : AB_2571651)

: Kv4.3-GP-Af390 (guinea pig, RRID : AB_2571652)

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

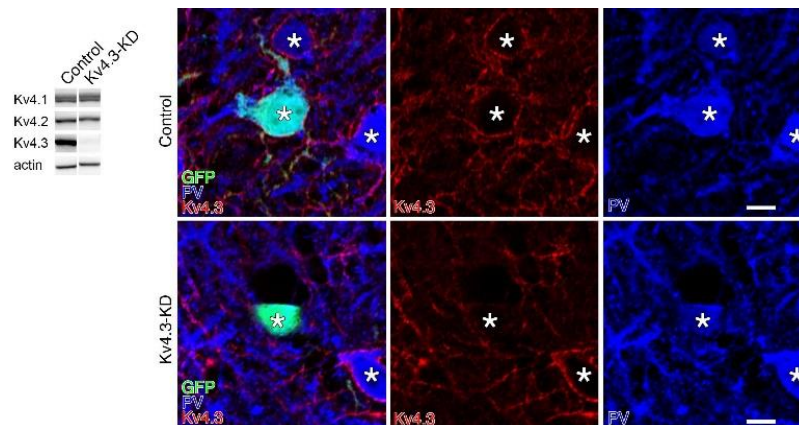
Formulation : Liquid ; 200 µg/ml in PBS with 0.05% NaN₃.

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

The antibody can be stored at 2-10°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 : guinea pig / goat, polyclonal

Antigen : mouse Kv4.3, 607-636aa (NM_001039347)



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

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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

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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 K_v4.3 at non-synaptic climbing fiber-interneuron junctions in the cerebellum and modulates K_v4.3 function. submitted

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