

Anti-KChIP3

(potassium voltage-gated channel interacting protein 3)

Code Number : KChIP3-Rb-Af400 (rabbit, RRID : AB_2571649)

: KChIP3-GP-Af500 (guinea pig, RRID : AB_2571650)

Size : 20 µg and 50 µg / See label on vial

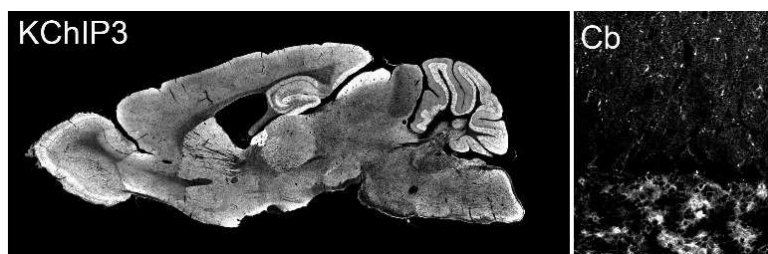
(affinity-purified with antigen polypeptide)

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

Storage : Store at 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-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



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 postassium 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