

anti- KCNIP4 antibody

Product Information

Catalog No.:	FNab04489
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Regulatory subunit of Kv4/D(Shal)-type voltage-gated rapidly inactivating A-type potassium channels. Modulates KCND2 channel density, inactivation kinetics and rate of recovery from inactivation in a calcium-dependent and isoform-specific manner(PubMed:11847232, PubMed:18957440, PubMed:23576435). Modulates KCND3/Kv4.3 currents(PubMed:23576435). Isoform 4 does not increase KCND2 expression at the cell membrane(PubMed:18957440). Isoform 4 retains KCND3 in the endoplasmic reticulum and negatively regulates its expression at the cell membrane.

Immunogen information

Immunogen:	Kv channel interacting protein 4
Synonyms:	CALP, KCHIP4
Observed MW:	29kd
UniprotID :	Q6PIL6

Application

Reactivity:	Human, Mouse, Rat
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Wuhan Fine Biotech Co., Ltd.

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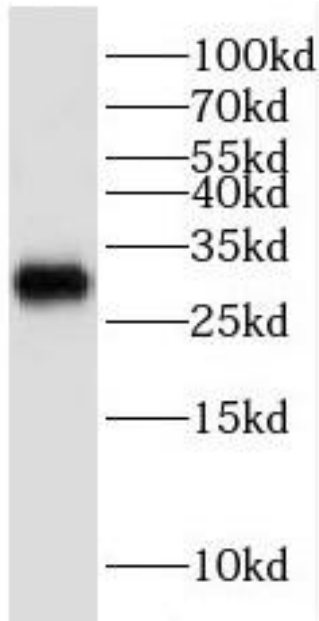
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Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



rat brain tissue were subjected to SDS PAGE followed by western blot with FNab04489(KCNIP4 Antibody) at dilution of 1:2000

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