

KCNIP3 antibody

Product Information

Catalog No.:	FNab04488
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

Calcium-dependent transcriptional repressor that binds to the DRE element of genes including PDYN and FOS. Affinity for DNA is reduced upon binding to calcium and enhanced by binding to magnesium. Seems to be involved in nociception(By similarity). Regulatory subunit of Kv4/D(Shal)-type voltage-gated rapidly inactivating A-type potassium channels, such as KCND2/Kv4.2 and KCND3/Kv4.3. Modulates channel expression at the cell membrane, gating characteristics, inactivation kinetics and rate of recovery from inactivation in a calcium-dependent and isoform-specific manner. May play a role in the regulation of PSEN2 proteolytic processing and apoptosis. Together with PSEN2 involved in modulation of beta-amyloid formation.

Immunogen information

Immunogen:	Kv channel interacting protein 3, calsenilin
Synonyms:	Calsenilin A-type potassium channel modulatory protein 3 DRE-antagonist modulator (DREAM) Kv channel-interacting protein 3 (KChIP3) KCNIP3 CSEN DREAM KCHIP3
Observed MW:	29 kDa
Uniprot ID :	Q9Y2W7

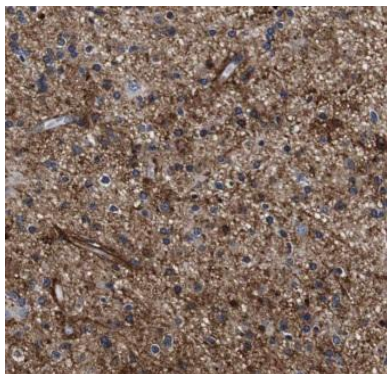
Application

Reactivity:	Human, Mouse, Rat
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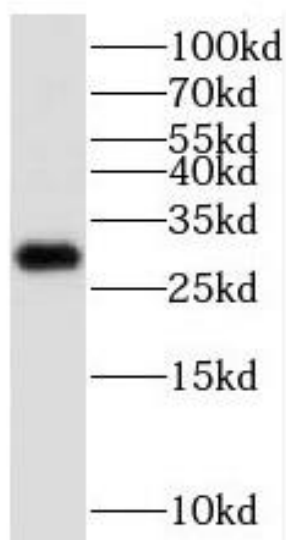
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human gliomas using FNab04488(KCNIP3 antibody) at dilution of 1:50



human brain tissue were subjected to SDS PAGE followed by western blot with FNab04488(KCNIP3 antibody) at dilution of 1:500