

Kcnip3 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI10388

Product Information

Application	WB
Primary Accession	Q9QXT8
Other Accession	NM_001111331 , NP_001104801
Reactivity	Human, Mouse, Rat, Zebrafish, Dog, Bovine
Predicted	Human, Mouse, Rat, Zebrafish, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29463

Additional Information

Gene ID	56461
Alias Symbol Other Names	4933407H12Rik, AI413860, Csen, DREAM, KChIP3, R74849 Calsenilin, A-type potassium channel modulatory protein 3, DRE-antagonist modulator, DREAM, Kv channel-interacting protein 3, KChIP3, Kcnip3, Csen, Dream, Kchip3
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Kcnip3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Kcnip3 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Kcnip3
Synonyms	Csen, Dream, Kchip3
Function	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.
Cellular Location	Cytoplasm. Cell membrane {ECO:0000250 UniProtKB:Q9Y2W7}; Lipid-anchor. Endoplasmic reticulum {ECO:0000250 UniProtKB:Q9Y2W7}. Golgi apparatus

{ECO:0000250|UniProtKB:Q9Y2W7}. Nucleus

{ECO:0000250|UniProtKB:Q9Y2W7} Note=The sumoylated form is present only in the nucleus. In the presence of PSEN2, associated with the endoplasmic reticulum and Golgi {ECO:0000250|UniProtKB:Q9Y2W7}

Tissue Location

Highly expressed in brain. Isoform 1 or isoform 4 (T+ forms) are expressed at equal levels with isoform 2 or isoform 3 (T- forms). Primarily detected in the layer V and deep layer VI of the cerebral cortex, the hippocampus, and the entire cerebellum. Expressed at low levels in testis. Also expressed in heart

Images

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.