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DREAM Polyclonal Antibody

Catalog # AP69595

Product Information

Application	WB, IHC-P, IF
Primary Accession	Q9Y2W7
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29231

Additional Information

Gene ID	30818
Other Names	KCNIP3; CSEN; DREAM; KCHIP3; Calsenilin; A-type potassium channel modulatory protein 3; DRE-antagonist modulator; DREAM; Kv channel-interacting protein 3; KChIP3
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

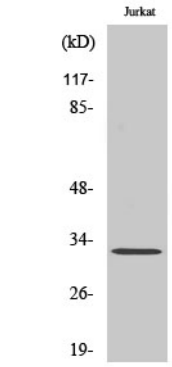
Protein Information

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 (By similarity).
Cellular Location	Cytoplasm. Cell membrane; Lipid-anchor. Endoplasmic reticulum. Golgi apparatus. Nucleus. Note=Also membrane-bound, associated with the plasma membrane (PubMed:15485870). In the presence of PSEN2 associated with the endoplasmic reticulum and Golgi. The sumoylated form is present only in the nucleus.
Tissue Location	Highly expressed in brain. Widely expressed at lower levels. Expression levels are elevated in brain cortex regions affected by Alzheimer disease.

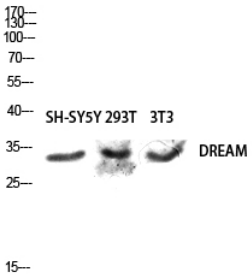
Background

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).

Images



Western Blot analysis of various cells using DREAM Polyclonal Antibody diluted at 1：500



Western blot analysis of SH-SY5Y 293T 3T3 lysis using DREAM antibody. Antibody was diluted at 1:500