

DREAM Polyclonal Antibody

Catalog # AP69595

Product Information

Application WB, IHC-P, IF **Primary Accession** <u>O9Y2W7</u>

Reactivity Human, Mouse

HostRabbitClonalityPolyclonalCalculated MW29231

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°C

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.

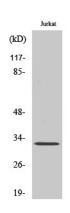
Tissue Location Highly expressed in brain. Widely expressed at lower levels. Expression levels

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

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