

# DREAM (phospho Ser63) Polyclonal Antibody

Catalog # AP67862

#### **Product Information**

ApplicationWB, IHC-P, IFPrimary AccessionQ9Y2W7

**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~~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. 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.

Highly expressed in brain. Widely expressed at lower levels. Expression levels are elevated in brain cortex regions affected by Alzheimer disease.

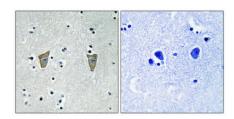
## **Background**

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 SH-SY5Y 293T 3T3 lysis using Phospho-DREAM (S63) antibody. Antibody was diluted at 1:500



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4°,overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

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