Anti-Human/Mouse DREAM Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA03592

3th Edition

Description: This gene encodes a member of the family of voltage-gated potassium (Kv) channel-interacting proteins, which belong to the recoverin branch of the EF-hand superfamily. Members of this family are small calcium binding proteins containing EF-hand-like domains. They are integral subunit components of native Kv4 channel complexes that may regulate A-type currents, and hence neuronal excitability, in response to changes in intracellular calcium. The encoded protein also functions as a calcium-regulated transcriptional repressor, and interacts with presenilins. Alternatively spliced transcript variants encoding different isoforms have been described. KCNIP3 (Potassium Voltage-Gated Channel Interacting Protein 3) is a Protein Coding gene. Diseases associated with KCNIP3 include Alzheimer Disease. Among its related pathways are Cardiac conduction and Development Ligand-independent activation of ESR1 and ESR2. GO annotations related to this gene include calcium ion binding and transcription corepressor activity. An important paralog of this gene is KCNIP4.

Antigen: Synthesized peptide derived from human DREAM around the non-phosphorylation site of Ser63.

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

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