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DREAM Polyclonal Antibody

Catalog No YP-Ab-16410 Isotype IgG Reactivity Human;Mouse Applications WB;HC;IF;ELISA Gene Name KCNIP3 Protein Name Calsenillin Immunogen The antiserum was produced against synthesized peptide derived from human Calsenilin/KCNIP3. AA range:29-78 Specificity DREAM Polyclonal Antibody detects endogenous levels of DREAM protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300, Immunohistochemistry: 1/100 - 1/300, Immunofiuorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Storage Stability -20°C/1 year Synonyms KCNIP3; CSEN; DREAM; KCHIP3; Calsenilin; A-type potassium channel-interacting protein 3; KChIP3 Observed Band 29kD Cell Pathway Cytoplasm . Cell membrane ; Lipid-anchor .		
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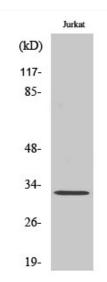
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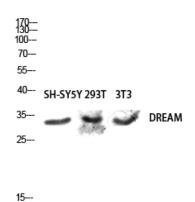


	inactivation in a calcium-dependent and isoform-specific manner. In vitro, modulates KCND2/Kv4.2 and KCND3/Kv4.3 currents. Involved in KCND2 and probably KCND3 trafficking to the cell surface.,PTM:Palmitoylated. Palmitoylation enhances association with the plasma membrane.,PTM:Phosphorylation at Ser-
Background	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. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

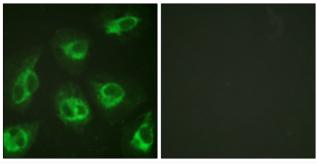
Products Images



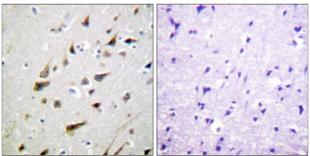
Western Blot analysis of various cells using DREAM Polyclonal Antibody diluted at 1:500



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



Immunofluorescence analysis of HeLa cells, using Calsenilin/KCNIP3 Antibody. The picture on the right is blocked with the synthesized peptide.



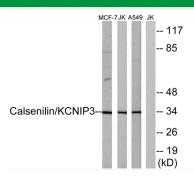
Immunohistochemistry analysis of paraffin-embedded human brain tissue, using Calsenilin/KCNIP3 Antibody. The picture on the right is blocked with the synthesized peptide.



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Western blot analysis of lysates from MCF-7, Jurkat, and A549 cells, using Calsenilin/KCNIP3 Antibody. The lane on the right is blocked with the synthesized peptide.