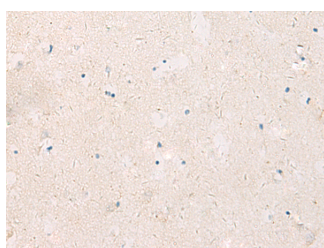


KCNIP3 Polyclonal Antibody

Catalog No.	E-AB-19200	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	IHC,ELISA	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Immunohistochemistry of paraffin-embedded Human brain tissue using KCNIP3 Polyclonal Antibody at dilution of 1:90(×200)

Immunogen Information

Immunogen	Fusion protein of human KCNIP3
Gene Accession	BC012850
Swissprot	Q9Y2W7
Synonyms	CSEN,CSEN,DREAM,KChIP3,KCNIP 3,Kcni3,Potassium channel interacting protein 3,R74849

Product Information

Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	IHC 1:50-1:100, ELISA 1:5000-1:10000

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. 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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.