

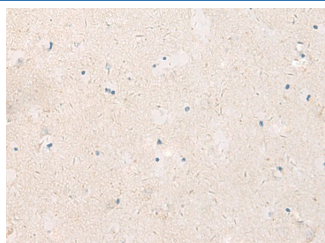
KCNIP3 Polyclonal Antibody

catalog number: E-AB-19200

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

| Description | |
|--------------|--|
| Reactivity | Human;Mouse;Rat |
| Immunogen | Fusion protein of human KCNIP3 |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Antigen affinity purification |
| Conjugation | Unconjugated |
| Buffer | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |
| Applications | Recommended Dilution |
| IHC | 1:50-1:100 |

Data



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

| Preparation & Storage | |
|-----------------------|--|
| Storage | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| Shipping | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

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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