

## Rabbit KChIP3 Polyclonal Antibody | anti-KChIP3 antibody

KChIP3 Polyclonal Antibody

|                               |                       |                                        |                                             |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA173792</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------|

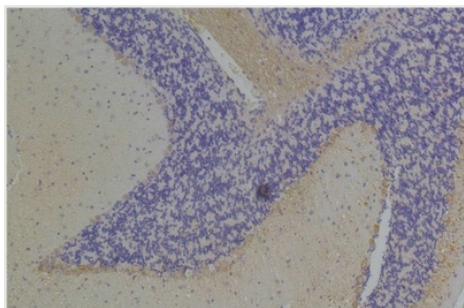
### PRODUCT SYNONYMS

KChIP3; Polyclonal Antibody; KChIP3 Polyclonal Antibody; KCNIP3; CSEN; DREAM; KCHIP3; Calsenilin; A-type potassium channel modulatory protein 3; DRE-antagonist modulator; Kv channel-interacting protein 3; anti-KChIP3 antibody

### PRODUCT SPECIFICATIONS

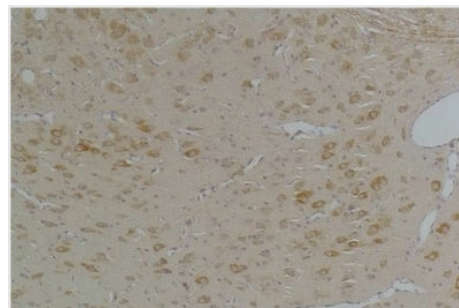
|                                                  |                                                                |
|--------------------------------------------------|----------------------------------------------------------------|
| Host                                             | Rabbit                                                         |
| Reactivity                                       | Human, Mouse, Rat                                              |
| Clonality                                        | Polyclonal                                                     |
| Isotype                                          | IgG                                                            |
| Purity/Purification                              | Affinity Purification                                          |
| Concentration                                    | 1mg/mL (varies by lot)                                         |
| Sequence Length                                  | 230                                                            |
| Applicable Applications for anti-KChIP3 antibody | IHC (Immunohistochemistry)                                     |
| Immunogen                                        | Synthetic Peptide                                              |
| Buffer                                           | PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol pH 7.4. |
| Preparation and Storage                          | Store at -20 degree C. Avoid freeze / thaw cycles.             |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse brain tissue using KChIP3 Polyclonal Antibody at dilution of 1:200.



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat brain tissue using KChIP3 Polyclonal Antibody at dilution of 1:200.

ADDITIONAL INFORMATION

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|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-KCHIP3 antibody | 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. |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 78190495                                                       |
| NCBI GeneID                      | 30818                                                          |
| NCBI Accession #                 | NP_001030086.1                                                 |
| NCBI GenBank Nucleotide #        | NM_001034914.1                                                 |
| UniProt Accession #              | Q9Y2W7; Q3YAC3; Q3YAC4; Q53TJ5; Q96T40; Q9UJ84; Q9UJ85; H7BY46 |
| Molecular Weight                 | 26,335 Da                                                      |
| NCBI Official Full Name          | calsenilin isoform 2                                           |
| NCBI Official Synonym Full Names | potassium voltage-gated channel interacting protein 3          |
| NCBI Official Symbol             | KCNIP3                                                         |
| NCBI Official Synonym Symbols    | CSEN; DREAM; KCHIP3                                            |
| NCBI Protein Information         | calsenilin                                                     |
| UniProt Protein Name             | Calsenilin                                                     |
| UniProt Gene Name                | KCNIP3                                                         |
| UniProt Synonym Gene Names       | CSEN; DREAM; KCHIP3; DREAM; KChIP3                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/kchip3-antibody-immunohistochemistry-elisa/173792>