

Product datasheet for **TA329702**

CSEN (KCNIP3) Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | IHC, WB |
| Recommended Dilution: | WB, IHC |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | The immunogen for anti-CSEN antibody: synthetic peptide directed towards the N terminal of human CSEN. Synthetic peptide located within the following region: STVRHQPEGLDQLQAQTKFKKELQSLYRGFKNECPTGLVDEDTFKLIYA |
| Formulation: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i> |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 29 kDa |
| Gene Name: | potassium voltage-gated channel interacting protein 3 |
| Database Link: | NP_038462 Entrez Gene 56461 Mouse Entrez Gene 30818 Human Q9Y2W7 |
| Background: | CSEN is a member of the family of voltage-gated potassium (Kv) channel-interacting proteins (KCNIPs), which belong to the recoverin branch of the EF-hand superfamily. Members of the KCNIP family are small calcium binding proteins. They all have EF-hand-like domains, and differ from each other in the N-terminus. They are integral subunit components of native Kv4 channel complexes. They may regulate A-type currents, and hence neuronal excitability, in response to changes in intracellular calcium. The protein encoded by this gene is also shown to function as a calcium-regulated transcriptional repressor, and to interact with presenilins. Mutations in the presenilin genes have been implicated in Alzheimer's disease. |



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Synonyms: CSEN; DREAM; KCHIP3

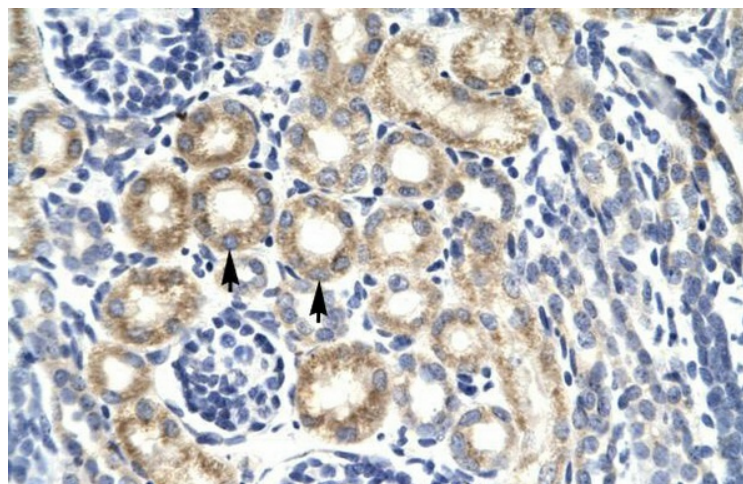
Note: Immunogen sequence homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 92%; Guinea pig: 92%

Protein Families: Druggable Genome, Transcription Factors, Transmembrane

Product images:



WB Suggested Anti-CSEN Antibody Titration: 0.2-1 ug/ml; Positive Control: Jurkat cell lysate



Human kidney