

Anti-CSEN Antibody (51474)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	51474
Purification:	Protein A

Applications

Verified Activity:	Immunochemical staining of human KCNIP3 in human liver with rabbit monoclonal antibody (1:500, formalin-fixed paraffin embedded sections).
Application:	IHC-P
Recommended	IHC-P: 1:250-1:1000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human CSEN / calsenilin / KCNIP3 Protein (TMPY-03615)
Antigen Species:	Human
Synonyms:	Kv channel interacting protein 3, calsenilin;DREAM;CSEN;KCHIP3

Research Background

KCNIP3 (Potassium Voltage-Gated Channel Interacting Protein 3, also known as CSEN) is a Protein Coding gene. CSEN is 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 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. CSEN also functions as a calcium-regulated transcriptional repressor and interacts with presenilins. CSEN binds to the DRE element of genes including PDYN and FOS. CSEN is broadly expressed in the brain, thyroid, and other tissues. Diseases associated with KCNIP3 include Alzheimer's Disease and Niemann-Pick Disease, Type C2.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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