

Rabbit anti-Human CSEN Polyclonal Antibody | anti-KCNIP3 antibody

Anti-CSEN Antibody, Rabbit Polyclonal

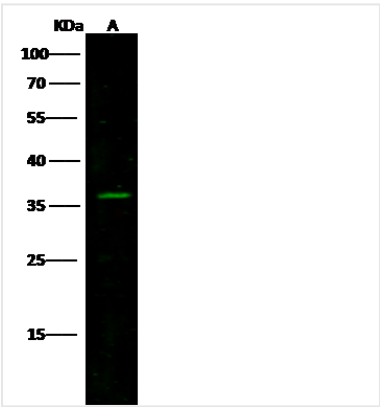
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255790	Rabbit	Human	Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

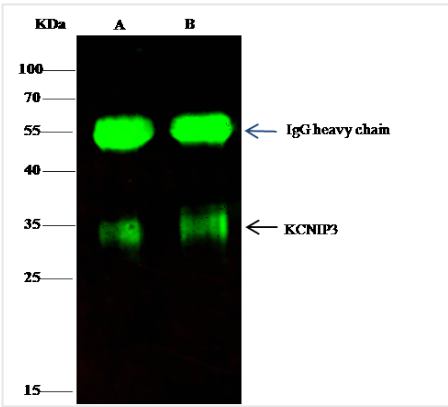
CSEN; Polyclonal Antibody; Anti-CSEN Antibody; Rabbit Polyclonal; CSEN/calsenilin/KCNIP3 Antibody; Rabbit PAb; Antigen Affinity Purified; Kv channel interacting protein 3; calsenilin; Anti-DREAM Antibody; Anti-KCHIP3 Antibody; anti-KCNIP3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CSEN/calsenilin/KCNIP3
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-KCNIP3 antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Human CSEN/calsenilin/KCNIP3 Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human CSEN/calsenilin/KCNIP3 (rh CSEN/calsenilin/KCNIP3). CSEN/calsenilin/KCNIP3 specific IgG was purified by Human CSEN/calsenilin/KCNIP3 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



WB (Western Blot)
Anti-KCNIP3 rabbit polyclonal antibody at 1:500 dilutionLane A: Mouse heart Tissue LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.Developed using the Odyssey technique.Performed under reducing conditions.Predicted band size:28 kDaObserved band size:36 kDa



IP (Immunoprecipitation)
KCNIP3 was immunoprecipitated using:Lane A:0.5 mg MCF-7 Whole Cell LysateLane B:0.5 mg THP-1 Whole Cell Lysate0.5 uL anti-KCNIP3 rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose.Primary antibody:Anti-KCNIP3 rabbit polyclonal antibody,at 1:350 dilutionSecondary antibody:Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilutionDeveloped using the odssey technique.Performed under reducing conditions.Predicted band size: 28 kDaObserved band size: 35 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-KCNIP3 antibody	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.
References	Buxbaum J.D., et al., (1998), Calsenilin: a calcium-binding protein that interacts with the presenilins and regulates the levels of a presenilin fragment. Nat. Med. 4:1177-1181.Carrion A.M., et al., (1999), DREAM is a Ca2+-regulated transcriptional repressor.Nature 398:80-84.An W.F., et al., (2000), Modulation of A-type potassium channels by a family of calcium sensors.Nature 403:553-556.

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	29,231 Da
NCBI Official Full Name	calsenilin isoform 2
NCBI Official Synonym Full Names	Kv channel interacting protein 3, calsenilin
NCBI Official Symbol	KCNIP3
NCBI Official Synonym Symbols	CSEN; DREAM; KCHIP3
NCBI Protein Information	calsenilin; DRE-antagonist modulator; kv channel-interacting protein 3; potassium channel interacting protein 3; A-type potassium channel modulatory protein 3; calsenilin, presenilin-binding protein, EF hand transcription factor
UniProt Protein Name	Calsenilin

UniProt Gene Name	KCNIP3
UniProt Synonym Gene Names	CSEN; DREAM; KCHIP3; DREAM; KChIP3
UniProt Entry Name	CSEN_HUMAN

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://stage.aaabiotech.com/polyclonal/csen-antibody-immunoprecipitation-western-blot-elisa/255790>