

Rabbit CSEN Polyclonal Antibody | anti-KCNIP3 antibody

CSEN antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197248	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

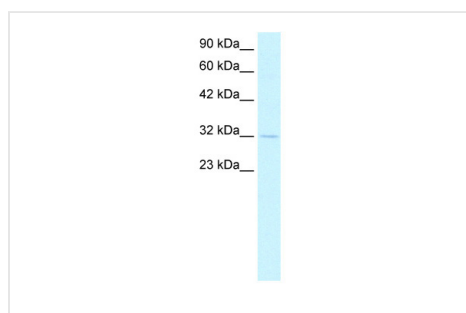
PRODUCT SYNONYMS

CSEN; Polyclonal Antibody; CSEN antibody - N-terminal region; anti-KCNIP3 antibody

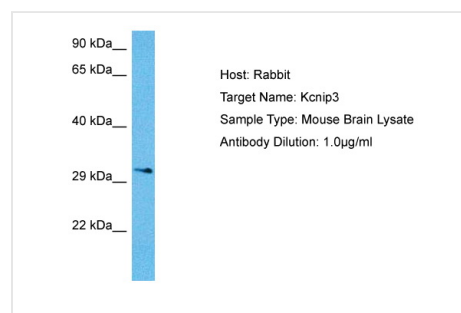
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: ST VRHQPEGLDQ LQAQTKFTKK ELQSLYRGFK NECPTGLVDE DTFKLIYA
Sequence Length	256
Applicable Applications for anti-KCNIP3 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 92%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CSEN
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

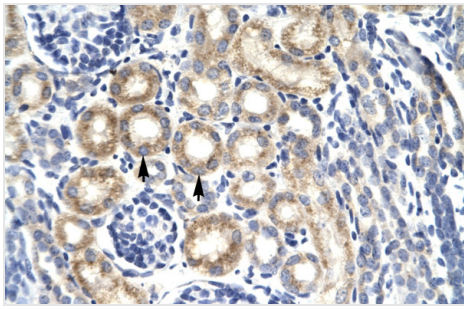
IMAGES


WB (Western Blot)

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


WB (Western Blot)

Host: Mouse Target Name: KCNIP3 Sample Tissue: Mouse Brain Antibody Dilution: 1ug/ml



IHC (Immunohistochemistry)
Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-KCNIP3 antibody	This is a rabbit polyclonal antibody against CSEN. It was validated on Western Blot and immunohistochemistry Target Description: 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.
Product Categories/Family for anti-KCNIP3 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Disease Related; DNA/RNA/Protein Interactions; Immunohistochemistry; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	7305199
NCBI GeneID	30818
NCBI Accession #	NP_038462
NCBI GenBank Nucleotide #	NM_013434
UniProt Accession #	Q9Y2W7
Molecular Weight	29kDa
NCBI Official Full Name	calsenilin isoform 1
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
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.