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Datasheet for ABIN357125 anti-DREAM antibody (N-Term)

3 Images



Overview

Quantity:	0.4 mL
Target:	DREAM (KCNIP3)
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DREAM antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1~30 amino acids from the N-terminal region of Human KChIP3. Genename: KCNIP3
Isotype:	Ig Fraction
Specificity:	This antibody detects KChIP3 at N-term.
Purification:	Protein GChromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS

Target Details

Target:	DREAM (KCNIP3)
Alternative Name:	Calsenilin (KCNIP3 Products)

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Target Details

Background:	KChIP3 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. This protein 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. Due to utilization of an alternate in-frame
	translation start codon, the gene for this protein encodes two isoforms with different
	sizes.Synonyms: A-type potassium channel modulatory protein 3, CSEN, DRE-antagonist
	modulator, DREAM, KCHIP3, KCNIP3, Kv channel-interacting protein 3
Molecular Weight:	29231 Da
Gene ID:	30818, 9606
UniProt:	Q9Y2W7
Application Details	
Application Notes:	ELISA: 1/1,000. Western blot: 1/100-1/500. Immunohistochemistry on Paraffin Sections 1/50-
	1/100.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

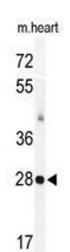
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C

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Store the antibody undiluted at 2-8 °C fore month or (in aliquots) at-20 °C for longer.

Images



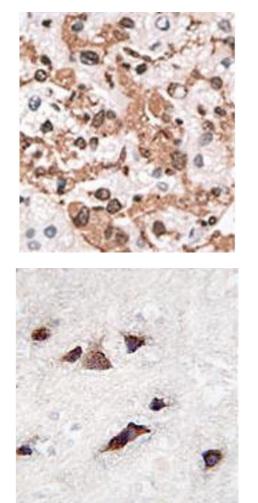


Image 1.		

Image 2.

Image 3.

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