Datasheet for ABIN1304732

anti-DREAM antibody (AA 1-256)

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Overview

Quantity:	100 µL
Target:	DREAM (KCNIP3)
Binding Specificity:	AA 1-256
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DREAM antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Immunogen:	Fusion protein amino acids 1-256 (full length) of rat Calsenillin/DREAM/KChIP3 (accession number Q9JM47) produced recombinantly in E. Coli
Clone:	K66-38
Isotype:	IgG2a
Specificity:	No off-targets reported for rat KChIPs 1,2, 4
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Description: Our Anti-KChIP3 K+ channel mouse monoclonal primary antibody is produced in-house from hybridoma clone K66/38. It is KO validated, detects human, mouse, and rat KChIP3 K+ channel, and is purified by Protein A chromatography. It is great for use in IHC, ICC, IP, WB. Manufacturer Comment: We produce our KChIP3 K+ channel mouse monoclonal primary

Product Details

	antibody from hybridoma clone K66/38. It is great in IHC, ICC, IP, WB and is purified by Protein A chromatography.
Purification:	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography.
Purity:	> 90% specific antibody

Target Details

Target:	DREAM (KCNIP3)
Alternative Name:	KChIP3 K+ channel (KCNIP3 Products)
Background:	Synonyms: Calsenilin (A-type potassium channel modulatory protein 3) (DRE-antagonist modulator) (DREAM) (Kv channel-interacting protein 3) (KChIP3) Target Description: Kchip3 potassium channel, also known as Kv channel-interacting protein 3, Kcnip3, DREantagonist modulator and Dream is a member of the family of voltage-gated potassium (Kv) channel-interacting proteins (KCNIPs), which belongs to the recoverin or neuronal calcium sensor (NCS) family branch of the EF-hand superfamily. Kchip3 is an integral subunit component of native Kv4 channel complexes that may regulate A-type currents and function as a calcium regulated transcriptional repressor. Kchip3 is detected in brain, specifically in the cortex, thalamus, dentate gyrus and cerebellum and can be found throughout the cell. It is also found in other tissues at low levels. Diseases associated with KCNIP3 include alzheimer disease. Gene Name Alternatives: Kcnip3 Csen Dream Kchip3
Molecular Weight:	34 kDa
UniProt:	Q9JM47

Application Details

Application Notes:	Dilution Range: IHC: 1:250 Dilution Range: ICC: 1:250 Dilution Range: WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid

Handling

Concentration:	1 mg/mL
Buffer:	10 mM Tris, 50 mM Sodium Chloride, 0.065 % Sodium Azide pH 7.4
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Expiry Date:	24 months

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