

Datasheet for ABIN3042562
anti-DREAM antibody (N-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	DREAM (KCNIP3)
Binding Specificity:	AA 1-16, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DREAM antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Calsenilin(KCNIP3) detection. Tested with WB in Human.
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human CSEN(1-16aa MQPAKEVTKASDGSLI).
Sequence:	MQPAKEVTKA SDGSLL
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Calsenilin(KCNIP3) detection. Tested with WB in Human. Gene Name: Kv channel interacting protein 3, calsenilin Protein Name: Calsenilin
Purification:	Immunogen affinity purified.

Target Details

Target:	DREAM (KCNIP3)
Alternative Name:	KCNIP3 (KCNIP3 Products)
Background:	<p>KCNIP3, also known as Calsenilin, is a calcium-dependent transcriptional repressor that is highly expressed in central nervous system, thyroid gland, testis, thymus, and immune cells. This gene encodes a member of the family of voltage-gated potassium(Kv) channel-interacting proteins, which belong to the neuronal calcium sensor family of proteins. KCNIP3 is mapped to 2q11.1. The encoded protein functions as a calcium-regulated transcriptional repressor, and interacts with presenilins. KCNIP3-regulated genes have a critical function in Ig subclass production and proliferation in B lymphocytes. KCNIP3 has been shown to interact with PSEN1 and PSEN2.</p> <p>Synonyms: 4933407H12Rik antibody A type potassium channel modulatory protein 3 antibody A-type potassium channel modulatory protein 3 antibody AI413860 antibody Calsenilin antibody CSEN antibody DRE Antagonist Modulator antibody DRE-antagonist modulator antibody DREAM antibody EF Hand Transcription Factor antibody KCHIP 3 antibody KCHIP3 antibody KCNIP 3 antibody KCNIP3 antibody Kv channel interacting protein 3 antibody Kv channel-interacting protein 3 antibody MGC18289 antibody Potassium channel interacting protein 3 antibody Presenilin Binding Protein antibody R74849 antibody</p>
UniProt:	Q9Y2W7

Application Details

Application Notes:	<p>WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human</p> <p>Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities.</p> <p>Other applications have not been tested. Optimal dilutions should be determined by end users.</p>
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB.
Restrictions:	For Research Use only

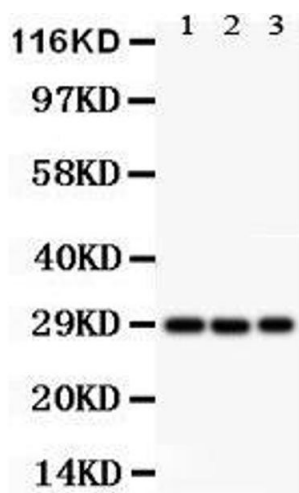
Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL

Handling

Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Thimerosal, 0.05 mg Sodium azide.
Preservative:	Thimerosal (Merthiolate), Sodium azide
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Anti- CSEN antibody, Western blotting All lanes:
Anti CSEN at 0.5ug/ml Lane 1: HELA Whole Cell Lysate at 40ug Lane 2: U87 Whole Cell Lysate at 40ug Lane 3: SHG Whole Cell Lysate at 40ug Predicted bind size: 29KD
Observed bind size: 29KD