

Datasheet for ABIN544576

**anti-DREAM antibody (N-Term)**

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## Overview

Quantity:	400 µL
Target:	DREAM (KCNIP3)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DREAM antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of KCNIP3.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human KCNIP3.
Cross-Reactivity:	Human, Mouse

## Target Details

Target:	DREAM (KCNIP3)
Alternative Name:	Calsenilin ( <a href="#">KCNIP3 Products</a> )
Gene ID:	30818

## Application Details

Application Notes:	Immunofluorescence (1:10-50) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-100) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
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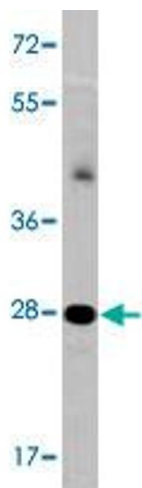
Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Buffer:	In PBS (0.09 % 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.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

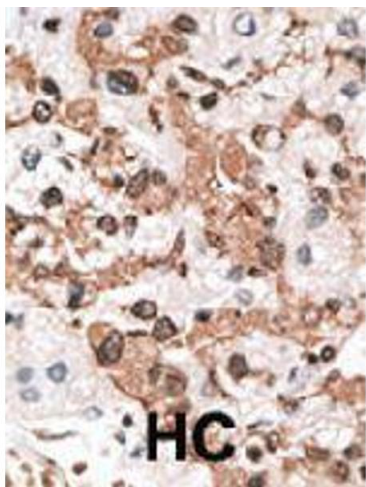
## Publications

Product cited in:	<p>Hong, Jo, Lee, Kim, Jung: "Reduced expression of calsenilin/DREAM/KChIP3 in the brains of kainic acid-induced seizure and epilepsy patients." in: <b>Neuroscience letters</b>, Vol. 340, Issue 1, pp. 33-6, (2003) (<a href="#">PubMed</a>).</p> <p>Choi, Miller, Zaidi, Salih, Buxbaum, Wasco: "Phosphorylation of calsenilin at Ser63 regulates its cleavage by caspase-3." in: <b>Molecular and cellular neurosciences</b>, Vol. 23, Issue 3, pp. 495-506, (2003) (<a href="#">PubMed</a>).</p> <p>Schrader, Anderson, Mayne, Pfaffinger, Sweatt: "PKA modulation of Kv4.2-encoded A-type potassium channels requires formation of a supramolecular complex." in: <b>The Journal of neuroscience : the official journal of the Society for Neuroscience</b>, Vol. 22, Issue 23, pp. 10123-33, (2002) (<a href="#">PubMed</a>).</p>
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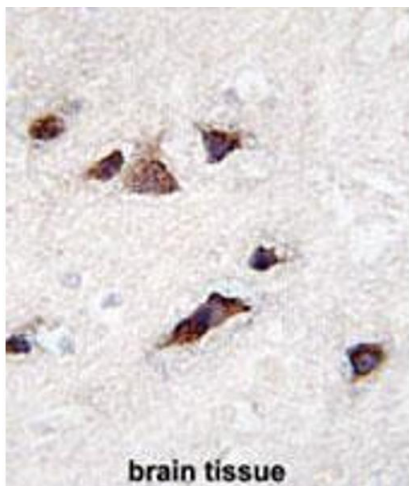
### Western Blotting

**Image 1.** Western blot analysis of mouse heart tissue lysate (35 ug/lane) with KCNIP3 polyclonal antibody .



### Immunohistochemistry

**Image 2.** Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with KCNIP3 polyclonal antibody , which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry ; clinical relevance has not been evaluated. HC = hepatocarcinoma.



### Immunohistochemistry

**Image 3.** Formalin-fixed and paraffin-embedded human brainreacted with KCNIP3 polyclonal antibody , which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.