Datasheet for ABIN1531643

anti-DREAM antibody (pSer63)

3 Images

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Overview

Quantity:	100 µg
Target:	DREAM (KCNIP3)
Binding Specificity:	AA 29-78, pSer63
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DREAM antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Calsenilin/KCNIP3 around the phosphorylation site of Ser63.
Isotype:	IgG
Specificity:	Calsenilin/KCNIP3 (Phospho-Ser63) Antibody detects endogenous levels of Calsenilin/KCNIP3 only when phosphorylated at Ser63. PhosphorylationH:S63 M:S63
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

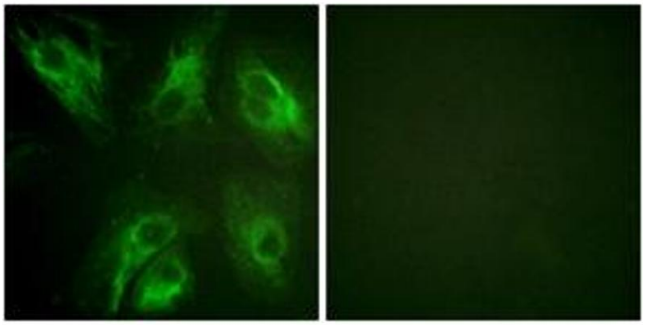
Target:	DREAM (KCNIP3)
Alternative Name:	Calsenilin/KCNIP3 (KCNIP3 Products)
Background:	Synonyms: A-type potassium channel modulatory protein 3, CSEN, DRE-antagonist modulator, DREAM, KCNIP3, KChIP3, Kv channel-interacting protein 3 NCBI Gene Symbol: KCNIP3
Molecular Weight:	29 kDa
Gene ID:	30818
OMIM:	604662
UniProt:	Q9Y2W7

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:20000
Comment:	Unigene-Number: Hs.437376 (NCBI Gene Symbol: KCNIP3)
Restrictions:	For Research Use only

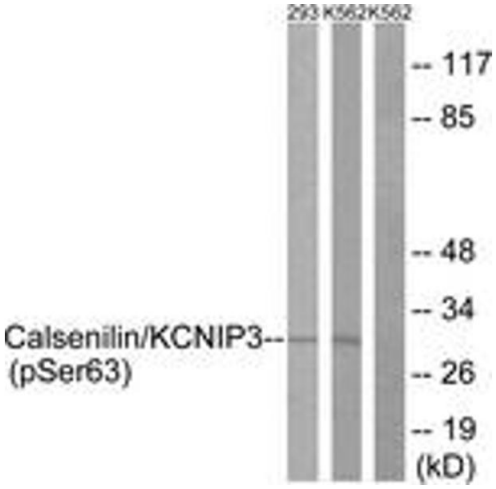
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



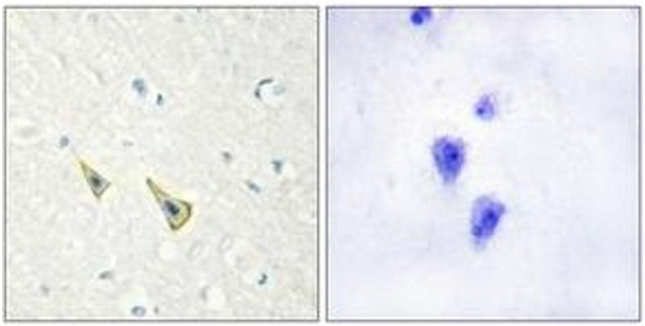
Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells, using Calsenilin/KCNIP3 (Phospho-Ser63) Antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 2. Western blot analysis of extracts from K562 cells treated with forskolin 40nM 30' and 293 cells treated with PMA 125ng/ml 30', using Calsenilin/KCNIP3 (Phospho-Ser63) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 3. Immunohistochemistry analysis of paraffin-embedded human brain, using Calsenilin/KCNIP3 (Phospho-Ser63) Antibody. The picture on the right is treated with the synthesized peptide.