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Calsenilin Blocking Peptide
Catalog # PBV10330b

Specification

Calsenilin Blocking Peptide - Product Information

Primary Accession	Q9Y2W7
Gene ID	30818
Calculated MW	29231

Calsenilin Blocking Peptide - Additional Information

Gene ID 30818

Application & Usage	**The peptide is used for blocking the antibody activity of Calsenilin. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30 minutes at 37°C.**

Other Names
Calsenilin, A-type potassium channel modulatory protein 3, DRE-antagonist modulator, DREAM, Kv channel-interacting protein 3, KChIP3, KCNIP3, CSEN, DREAM, KCHIP3

Target/Specificity
Calsenilin

Formulation
50 µg (0.2 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 0.1% BSA and 0.02% sodium azide.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
Calsenilin Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Calsenilin Blocking Peptide - Protein Information

Name KCNIP3

Synonyms CSEN, DREAM, KCHIP3

Function
Calcium-dependent transcriptional repressor that binds to the DRE element of genes including

PDYN and FOS. Affinity for DNA is reduced upon binding to calcium and enhanced by binding to magnesium. Seems to be involved in nociception (By similarity).

Cellular Location
Cytoplasm. Cell membrane; Lipid-anchor. Endoplasmic reticulum. Golgi apparatus. Nucleus. Note=Also membrane-bound, associated with the plasma membrane (PubMed:15485870). In the presence of PSEN2 associated with the endoplasmic reticulum and Golgi. The sumoylated form is present only in the nucleus.

Tissue Location
Highly expressed in brain. Widely expressed at lower levels. Expression levels are elevated in brain cortex regions affected by Alzheimer disease.

Calsenilin Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Calsenilin Blocking Peptide - Images