

Calsenilin Polyclonal Antibody

CATALOG #:	3706-100
AMOUNT:	100 µg
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	Synthetic peptide surrounding amino acid 107 of human Calsenilin (ID# BV-114).
SPECIES REACTIVITY:	human, mouse, rat

FORMULATION:

100 µg (0.2 mg/ml) Protein A affinity purified rabbit anti-Calsenilin polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.1% BSA, 0.01% thimerosal.

STORAGE CONDITIONS:

Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

BACKGROUND:

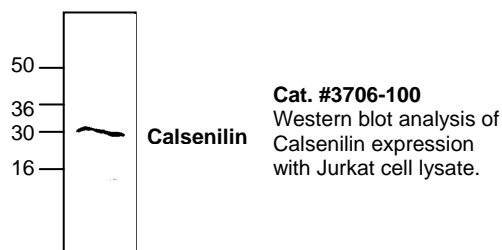
Calsenilin is also known as DREAM and KChIP3. Calsenilin interacts with presenilin-2, a protein involved in Alzheimer's disease, to reverse presenilin mediated enhancement of calcium signaling. Calsenilin also has pro-apoptotic function, is a substrate for caspase-3, acts as a calcium regulated transcriptional suppressor, and interacts with A-type potassium channels.

APPLICATION AND USAGE:

The antibody can be used for Western blotting (2-6 µg/ml). However, the optimal conditions should be determined individually.

SPECIFICITY:

The antibody detects ~30 kDa Calsenilin in samples from human, mouse, and rat origins. Jurkat cell lysate can be used as a positive control.



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- Apoptosis Inducers and Set
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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
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