

Anti-CSEN/KCNIP3 Antibody

Catalog Number: PA2272

About KCNIP3

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.

Overview

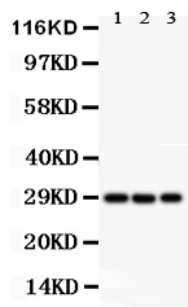
Product Name	Anti-CSEN/KCNIP3 Antibody
Reactive Species	Human
Description	Boster Bio Anti-CSEN/KCNIP3 Antibody catalog # PA2272. Tested in WB applications. This antibody reacts with Human.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9Y2W7

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human CSEN.
Predicted Reactive Species	Hamster
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.

Purification	Immunogen affinity purified.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Western blot, 0.1-0.5ug/ml, Human</p>

Anti-CSEN/KCNIP3 Antibody (PA2272) Images



Anti-CSEN antibody, PA2272, Western blotting
All lanes: Anti CSEN (PA2272) 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

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