

Anti-CACNG2/Stargazin Antibody

Catalog Number: A04541

About CACNG2

May play an important role in modulating bone turnover. Promotes the adhesion of osteoblast cells and inhibits the binding of fibrinogen to integrin receptors. In addition, inhibits osteocalcin production.

Pennica D., Swanson T.A., Welsh J.W. J.Proc. Natl. Acad. Sci. U.S.A. 95:14717-14722(1998)

Overview

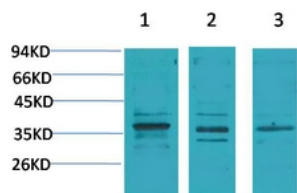
Product Name	Anti-CACNG2/Stargazin Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CACNG2/Stargazin Antibody catalog # A04541. Tested in IHC-P, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC-P, WB
Clonality	Polyclonal 3F8
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9Y698

Technical Details

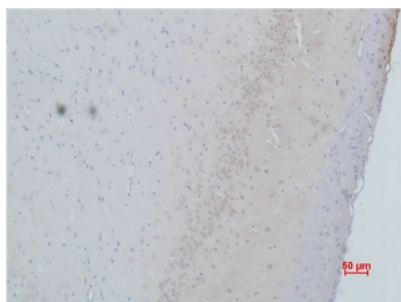
Immunogen	Synthetic Peptide
Predicted Reactive Species	Bovine, Equine, Guinea Pig, Rabbit, Zebrafish
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using a epitope-specific immunogen.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the

optimal dilution ratio for your samples.
Some PubMed article(s) citing the expression level of this target are as follows:
Boster Bio's internal QC testing used:
WB, 1:1000-2000
IHC, 1:200-500

Anti-CACNG2/Stargazin Antibody (A04541) Images



Western blot analysis of 1) Human Brain Tissue, 2) Mouse Brain Tissue, 3) Rat Brain Tissue using CACNG2 Polyclonal Antibody. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using CACNG2 Polyclonal Antibody.

1 Publications Citing This Product

1. PubMed ID: 32174475, Ma L,Chen X,Zhao B,Shi Y,Han F.Enhanced apoptosis and decreased ampa receptors are involved in deficit in fear memory in rin1 knockout rats.J Affect Disord.2020 May 1;268:173-182.doi:10.1016/j.jad.2020.02.040. Epub 2020 Feb 27.PMID:32174475.

Visit bosterbio.com/anti-cacng2-antibody-a04541-boster.html to see all 1 publications.

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