

## Anti-Cav3.2 CACNA1H Antibody

Catalog Number: A01406

### About CACNA1H

Receptor for brain-derived neurotrophic factor (BDNF), neurotrophin-3 and neurotrophin-4/5 but not nerve growth factor (NGF). Involved in the development and/or maintenance of the nervous system. This is a tyrosine-protein kinase receptor. Known substrates for the TRK receptors are SHC1, PI-3 kinase, and PLC-gamma-1.

Woronowicz A, et al. Glycobiology. 2007 Jan;17(1):10-24. Mojsilovic-Petrovic J, et al. J Neurosci. 2006 Sep 6;26(36):9250-63. Lewis MA, et al. Mol Pharmacol. 2006 Apr;69(4):1396-404. Cai D, et al. Physiol Genomics. 2006 Feb 14;24(3):191-7.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-Cav3.2 CACNA1H Antibody   |
| Reactive Species     | Human, Mouse, Rat  |
| Description          | Boster Bio Anti-Cav3.2 CACNA1H Antibody catalog # A01406. Tested in IHC applications. This antibody reacts with Human, Mouse, Rat.         |
| Application          | IHC  |
| Clonality            | Polyclonal 3F9   |
| 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           | O95180   |

### Technical Details

|                            |  |
|----------------------------|--|
| Immunogen                  | Synthetic Peptide  |
| Predicted Reactive Species | Bovine, Canine, Guinea Pig, Zebrafish  |
| Isotype                    | IgG  |
| Form                       | Liquid   |
| Concentration              | 1 mg/mL  |
| Purification               | Immunogen affinity purified  |
| Suggested Dilutions        | Dilute the sample so that the expected range of concentrations fall within the detection range of this |

kit.

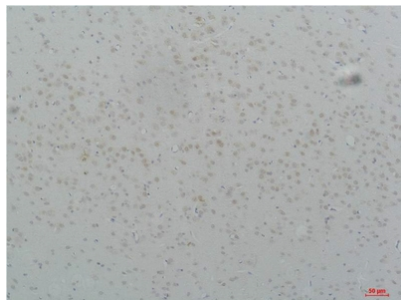
If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

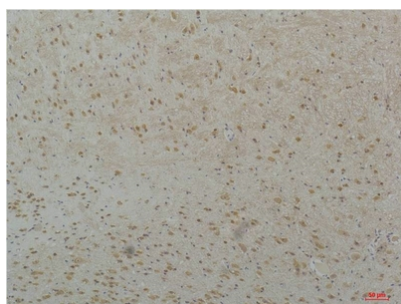
Boster Bio's internal QC testing used:

IHC, 1:50-100

## Anti-Cav3.2 CACNA1H Antibody (A01406) Images



Immunohistochemistry (IHC) analysis of paraffin-embedded Rat Brain Tissue using Cav3.2 Rabbit Polyclonal antibody diluted at 1:200.



Immunohistochemistry (IHC) analysis of paraffin-embedded Mouse Brain Tissue using Cav3.2 Rabbit Polyclonal antibody diluted at 1:200.

## Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Cav3.2 CACNA1H Antibody