BOSTER BIOLOGICAL TECHNOLOGY
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Anti-CNRIP1 Antibody

Catalog Number: A11640

About CNRIP1

The CNRIP1 (cannabinoid receptor interacting protein 1) protein is a G-protein coupled receptor which interacts with the C-terminal tail of cannabinoid receptor 1 (CB1) and is thought to play a role in synaptic plasticity, analgesia, appetite, and neuroprotection. One isoform of CNRIP1, CNRIP1a, modulates the constitutive CB1 receptor activity in the central nervous system (CNS), while the role of the shorter isoform CNRIP1b is yet unknown. CNRIP1 has been suggested as a potential target for CNS drug discovery.

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Overview

Product Name	Anti-CNRIP1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CNRIP1 Antibody (Catalog # A11640). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	CNRIP1 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	CNRIP1 antibody can be stored at 4°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q96F85

Technical Details

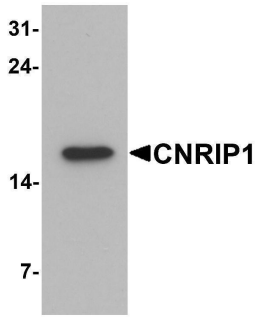
Immunogen	CNRIP1 antibody was raised against a 15 amino acid peptide near the center of human CNRIP1. The immunogen is located within amino acids 50 - 100 of CNRIP1.
Predicted Reactive Species	Bovine
Cross Reactivity	At least two isoforms of CNRIP1 are known to exist; this antibody will detect both isoforms.
Isotype	IgG

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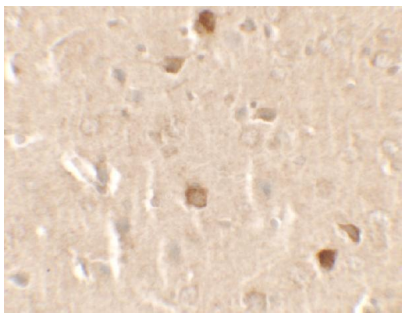
Form	Liquid
Concentration	1 mg/mL
Purification	CNRIP1 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	CNRIP1 antibody can be used for detection of CNRIP1 by Western blot at 1 - 2 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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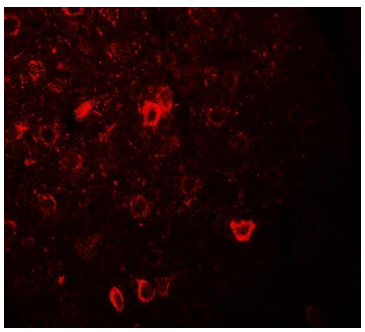
Anti-CNRIP1 Antibody (A11640) Images



Western blot analysis of CNRIP1 in human brain tissue lysate with CNRIP1 antibody at 1 ug/mL.



Immunohistochemistry of CNRIP1 in rat brain tissue with CNRIP1 antibody at 2.5 ug/ml.



Immunofluorescence of CNRIP1 in rat brain tissue with CNRIP1 antibody at 20 ug/ml.

For Research Use Only. Not for use in diagnostic procedures.