BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Synaptogyrin-4 SYNGR4 Antibody

Catalog Number: A19415

About SYNGR4

Synaptogyrins comprise a family of tyrosine-phosphorylated membrane proteins with two neuronal (SYNGR1 and SYNGR3) and one ubiquitous (SYNGR2) members. SYNGR1 and -3 are synaptic vesicle proteins, residing in some cases on the same synaptic vesicle, and are thought to be involved in the regulation of neurotransmitter release. SYNGR2, by contrast, is absent from synaptic vesicles. SYNGR3 is predominantly expressed in brain and placenta. The role and localization of a fourth synaptogyrin, SYNGR4, is unclear.

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Overview

Product Name	Anti-Synaptogyrin-4 SYNGR4 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Synaptogyrin-4 SYNGR4 Antibody (Catalog # A19415). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	SYNGR4 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	SYNGR4 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	O95473

Technical Details

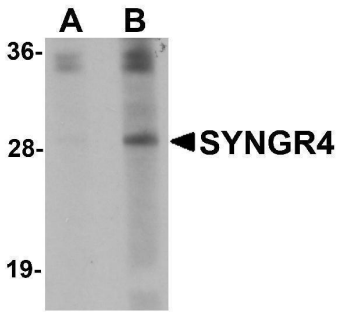
Immunogen	SYNGR4 antibody was raised against a 14 amino acid synthetic peptide from near the amino terminus of human SYNGR4. The immunogen is located within amino acids 30 - 80 of SYNGR4.
Predicted Reactive Species	Rat
Isotype	IgG

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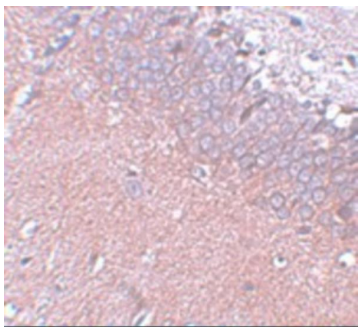
Form	Liquid
Concentration	1 mg/mL
Purification	SYNGR4 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	SYNGR4 antibody can be used for detection of SYNGR4 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 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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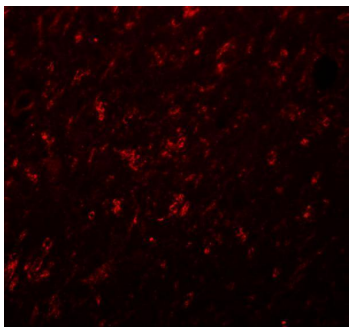
Anti-Synaptogyrin-4 SYNGR4 Antibody (A19415) Images



Western blot analysis of SYNGR4 in K562 cell lysate with SYNGR4 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of SYNGR4 in rat brain tissue with SYNGR4 antibody at 5 ug/mL.



Immunofluorescence of SYNGR4 in rat brain tissue with SYNGR4 antibody at 20 ug/mL.

Anti-Synaptogyrin-4 SYNGR4 Antibody

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