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Anti-SCAMP4 Antibody

Catalog Number: A16237

About SCAMP4

Secretory carrier membrane proteins (SCAMPs) are integral membrane proteins seen in secretory and endocytic carriers that are thought to play roles in membrane trafficking. One member of this family, SCAMP4, lacks the putative calcium binding and leucine zipper structures as well as the protein-protein interacting NPF domains common to most SCAMP family members. In rats, SCAMP4 mRNA is repressed by progesterone in brain regions associated with female sexual behavior. At least three isoforms of SCAMP4 are known to exist. This SCAMP4 antibody is predicted to not cross-react with any other member of the secretory carrier membrane protein family.

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Overview

Product Name	Anti-SCAMP4 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-SCAMP4 Antibody (Catalog # A16237). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	SCAMP4 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	SCAMP4 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	Q969E2

Technical Details

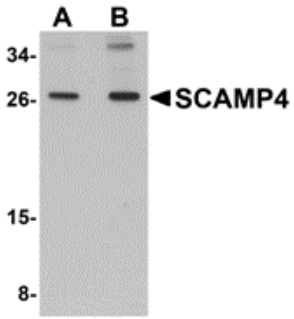
Immunogen	SCAMP4 antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of human SCAMP4. The immunogen is located within the last 50 amino acids of SCAMP4.
Predicted Reactive Species	Bovine
Isotype	IgG

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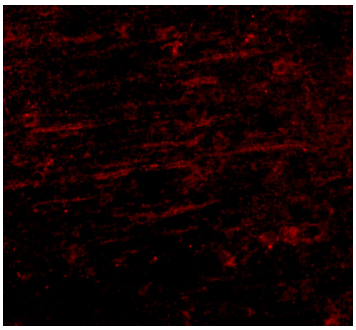
Form	Liquid
Concentration	1 mg/mL
Purification	SCAMP4 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	SCAMP4 antibody can be used for detection of SCAMP4 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 2.5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in mouse samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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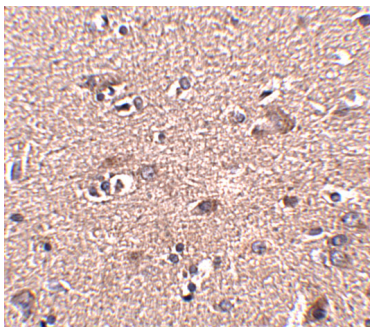
Anti-SCAMP4 Antibody (A16237) Images



Western blot analysis of SCAMP4 in 3T3 cell lysate with SCAMP4 antibody at (A) 1 and (B) 2 ug/mL.



Immunofluorescence of SCAMP4 in Human Brain cells with SCAMP4 antibody at 20 ug/mL.



Immunohistochemistry of SCAMP4 in human brain tissue with SCAMP4 antibody at 2.5 ug/mL.

Anti-SCAMP4 Antibody

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