BOSTER BIOLOGICAL TECHNOLOGY
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Anti-SGSM3 Antibody

Catalog Number: A09789

About SGSM3

Small G proteins such as RAP and RAB proteins are the key molecules in intracellular signal transduction and vesicle transportation. A novel protein family small G protein signaling modulator (SGSM) consisting of three members SGSM1-3 bind to RAP and RAB family proteins. All three SGSM proteins possess both a RUN domain and a TBC domain. Little is known of the exact function of SGSM3.

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Overview

Product Name	Anti-SGSM3 Antibody
Reactive Species	Human
Description	Boster Bio Anti-SGSM3 Antibody (Catalog # A09789). Tested in ELISA, WB, IF applications. This antibody reacts with Human.
Application	ELISA, IF, WB
Clonality	Polyclonal
Formulation	SGSM3 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	SGSM3 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	Q96HU1

Technical Details

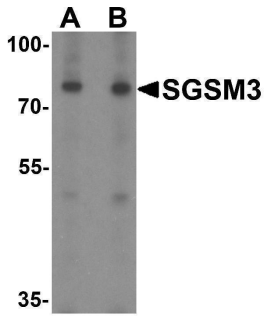
Immunogen	SGSM3 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human SGSM3. The immunogen is located within amino acids 30 - 80 of SGSM3.
Predicted Reactive Species	Bovine, Mouse, Rat
Cross Reactivity	Multiple isoforms of SGSM3 are known to exist. SGSM3 antibody is predicted to not cross react with other SGSM family proteins.

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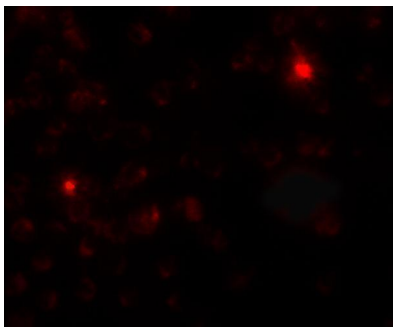
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	SGSM3 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	SGSM3 antibody can be used for detection of SGSM3 by Western blot at 1 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot 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-SGSM3 Antibody (A09789) Images



Western blot analysis of SGSM3 in 293 cell lysate with SGSM3 antibody at (A) 1 and (B) 2 ug/mL.



Immunofluorescence of SGSM3 in 293 cells with SGSM3 antibody at 20 ug/mL.

Anti-SGSM3 Antibody

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