BOSTER BIOLOGICAL TECHNOLOGY
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Anti-MMS21 NSMCE2 Antibody

Catalog Number: A06693

About NSMCE2

MMS21, also known as NSE2, is a SUMO ligase that in combination with the SMC5/6 complex is required for the prevention of DNA damage induced apoptosis by facilitating DNA repair in human cells. MMS21-dependent sumoylation is integral and important to the cohesion mechanism and mitotic progression; this function appears to be independent of SMC6. MMS21 mediates SUMO attachment to various proteins such as SMC6L1 and TRAX, and possibly the cohesin components RAD21 and STAG2.

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Overview

Product Name	Anti-MMS21 NSMCE2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-MMS21 NSMCE2 Antibody (Catalog # A06693). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	MMS21 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	MMS21 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	Q96MF7

Technical Details

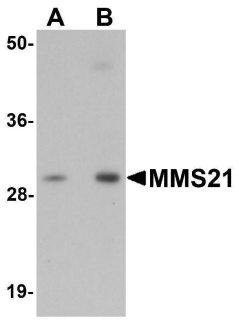
Immunogen	MMS21 antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of human MMS21. The immunogen is located within amino acids 170 - 220 of MMS21.
Predicted Reactive Species	Bovine
Isotype	IgG

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Form	Liquid
Concentration	1 mg/mL
Purification	MMS21 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	MMS21 antibody can be used for detection of MMS21 by Western blot at 0.5 - 1 ug/mL. Antibody validated: Western Blot 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-MMS21 NSMCE2 Antibody (A06693) Images



Western blot analysis of MMS21 in 293 cell lysate with MMS21 antibody at (A) 0.5 and (B) 1 ug/mL.

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