BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-DIS3 Antibody

Catalog Number: A01736

About DIS3

The exosome is involved in a multitude of cellular RNA processing and degradation events. DIS3, also known as exosome complex exonuclease RRP44, is a ribonuclease that acts directly in the processing, turnover, and surveillance of a large number of distinct RNA species. DIS3 localizes to both the cytoplasm and the nucleus and contains one PINc domain. It is widely expressed with highest expression in testis and is required for processing of 7S pre-RNA into a mature nuclear complex and, ultimately, for proper mitotic progression. Abnormal expression levels of DIS3 may be associated with colon cancer, suggesting a role for DIS3 in tumorigenesis.

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Overview

Product Name	Anti-DIS3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-DIS3 Antibody (Catalog # A01736). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	DIS3 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	DIS3 antibody can be stored at 4°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q9Y2L1

Technical Details

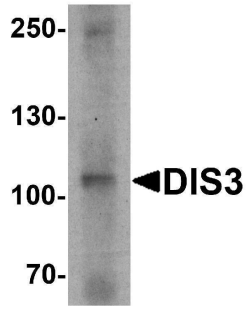
Immunogen	DIS3 antibody was raised against an 18 amino acid peptide near the amino terminus of human DIS3. The immunogen is located within amino acids 90 - 140 of DIS3.
Predicted Reactive Species	Bovine, Chicken, Pig, Rat, Sheep
Cross Reactivity	Multiple isoforms of DIS3 are known to exist.

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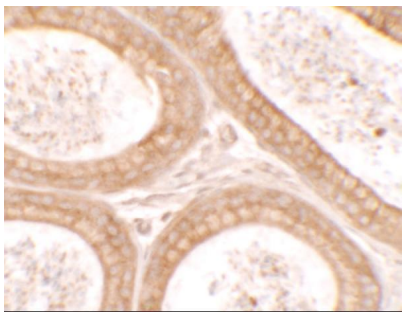
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	DIS3 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	DIS3 antibody can be used for detection of DIS3 by Western blot at 1 - 2 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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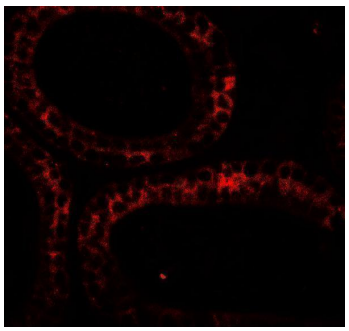
Anti-DIS3 Antibody (A01736) Images



Western blot analysis of DIS3 in human ovary tissue lysate with DIS3 antibody at 1 ug/mL.



Immunohistochemistry of DIS3 in mouse testis tissue with DIS3 antibody at 2.5 ug/ml.



Immunofluorescence of DIS3 in mouse testis tissue with DIS3 antibody at 20 ug/ml.

Anti-DIS3 Antibody

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