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

Anti-SPINSTER SPNS1 Antibody

Catalog Number: A09902

About SPNS1

SPINSTER, also known as SPNS1 or SPIN1, is a 528 amino acid multi-pass membrane protein that localizes to the inner mitochondrial membrane and belongs to the spinster subfamily of the major facilitator superfamily (1). SPINSTER interacts with Bcl-x and Bcl-2 and, via this interaction, is thought to be involved in necrotic or autophagic cell death (2). The related protein SPNS2 is critical for the normal lymphocyte localization and mammalian immune system function (1,3).

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Overview

Product Name	Anti-SPINSTER SPNS1 Antibody
Reactive Species	Human
Description	Boster Bio Anti-SPINSTER SPNS1 Antibody (Catalog # A09902). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	SPINSTER antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	SPINSTER antibody can be stored at 4°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q9H2V7

Technical Details

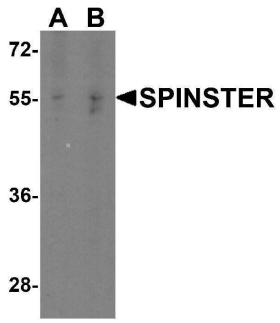
Immunogen	SPINSTER antibody was raised against an 18 amino acid peptide near the amino terminus of human SPINSTER. The immunogen is located within the first 50 amino acids of SPINSTER.
Predicted Reactive Species	Bovine, Mouse, Rat
Cross Reactivity	SPINSTER antibody is human specific. At least four isoforms of SPINSTER are known to exist. This antibody is predicted to not cross-react with other members of the spinster family of proteins.

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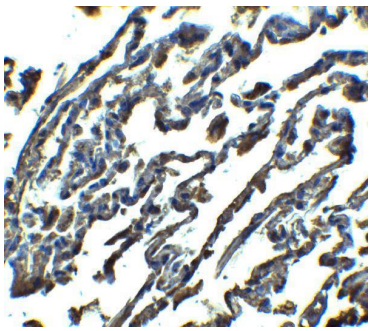
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	SPINSTER antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	SPINSTER antibody can be used for detection of SPINSTER by Western blot at 1 - 2 ug/ml. Antibody can also be used for immunohistochemistry starting at 2.5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human 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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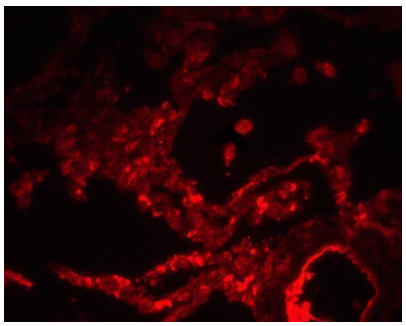
Anti-SPINSTER SPNS1 Antibody (A09902) Images



Western blot analysis of SPINSTER in HepG2 cell lysate with SPINSTER antibody at (A) 1 and (B) 2 ug/ml.



Immunohistochemistry of SPINSTER in human lung tissue with SPINSTER antibody at 2.5 ug/ml.



Immunofluorescence of SPINSTER in human lung tissue with SPINSTER antibody at 20 ug/ml.

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