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Anti-SRSF protein kinase 1 SRPK1 Antibody

Catalog Number: A01937-1

About SRPK1

SRPK1 and SRPK2, two Arginine/serine-rich (SR) protein-specific kinases constitute control circuits to regulate both constitutive and alternative pre-mRNA splicing and coordinate splicing with transcription in cells (1). They are highly specific for the phosphorylation of these RS proteins, and highly expressed in testis (1,2). SRPK1 plays a role in the condensation of sperm chromatin and controls the intranuclear distribution of splicing factors in interphase cells and the reorganization of nuclear speckles during mitosis (3,4).

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Overview

Product Name	Anti-SRSF protein kinase 1 SRPK1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-SRSF protein kinase 1 SRPK1 Antibody (Catalog # A01937-1). Tested in ELISA, WB, IHC-P applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC-P, WB
Clonality	Polyclonal
Formulation	SRPK1 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	SRPK1 antibody can be stored at 4°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q96SB4

Technical Details

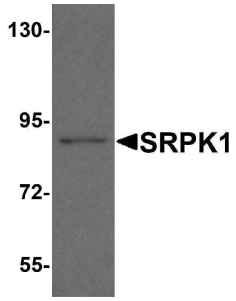
Immunogen	SRPK1 antibody was raised against a 19 amino acid peptide from near the amino terminus of human SRPK1. The immunogen is located within the first 50 amino acids of SRPK1.
Predicted Reactive Species	Bovine
Cross Reactivity	SRPK1 antibody is human, mouse and rat reactive. Multiple isoforms of SRPK1 are known to exist; this antibody will detect all except isoforms b and e. SRPK1 antibody is predicted to not cross-react with SRPK2.

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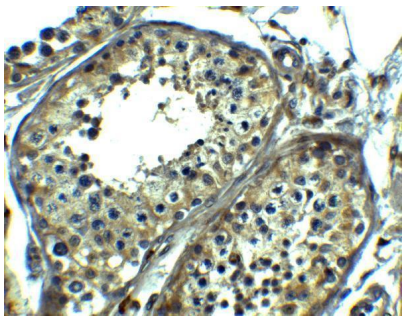
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	SRPK1 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	SRPK1 antibody can be used for the detection of SRPK1 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry at 5 ug/ml. Antibody validated: Western Blot in mouse samples and Immunohistochemistry 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-SRSF protein kinase 1 SRPK1 Antibody (A01937-1) Images



Western blot analysis of SRPK1 in mouse heart tissue lysate with SRPK1 antibody at 1 ug/ml.



Immunohistochemistry of SRPK1 in human testis tissue with SRPK1 antibody at 5 ug/ml.

Anti-SRSF protein kinase 1 SRPK1 Antibody

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