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

Anti-SPINK2 Antibody

Catalog Number: A11403

About SPINK2

Human serine proteinase inhibitor Kazal-type 2 (SPINK2) is required for maintaining normal spermatogenesis and potentially regulates serine protease-mediated apoptosis in male germ cells. It contains a typical kazal domain composed by six cysteine residues forming three disulfide bridges. SPINK2 functions as a trypsin/acrosin inhibitor and is synthesized mainly in the testis and seminal vesicle where its activity is engaged in fertility. SPINK2 plays a role in the pathogenesis of hereditary and chronic pancreatitis.

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Overview

Product Name	Anti-SPINK2 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-SPINK2 Antibody (Catalog # A11403). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	SPINK2 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	SPINK2 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	Q8BMY7

Technical Details

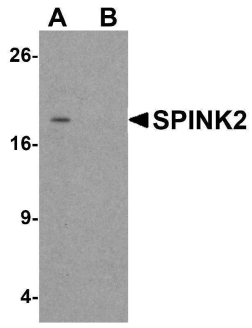
Immunogen	SPINK2 antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of mouse SPINK2. The immunogen is located within the last 50 amino acids of SPINK2.
Predicted Reactive Species	Rat
Cross Reactivity	SPINK2 antibody is predicted to not cross-react with other SPINK family members.

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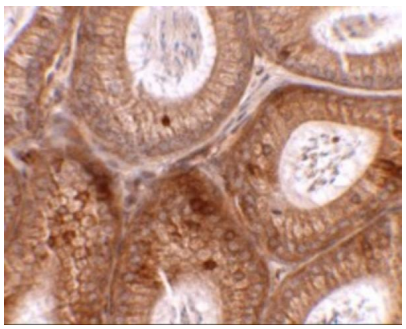
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	SPINK2 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	SPINK2 antibody can be used for detection of SPINK2 by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 2.5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in 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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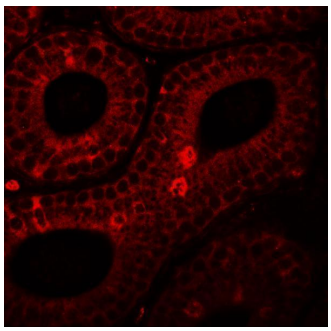
Anti-SPINK2 Antibody (A11403) Images



Western blot analysis of SPINK2 in human testis tissue lysate with SPINK2 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of SPINK2 in mouse testis tissue with SPINK2 antibody at 2.5 ug/mL.



Immunofluorescence of SPINK2 in mouse testis tissue with SPINK2 antibody at 20 ug/mL.

Anti-SPINK2 Antibody

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