

Anti-SPATA4 Antibody

Catalog Number: A15127

About SPATA4

The spermatogenesis associated protein 4 (SPATA4) protein, also known as TSARG1, is highly expressed in testis, and to a much lower extent in other tissues. SPATA4 contains a highly conserved DUF1042 domain, but no significant homology with any other known protein. SPATA4 is thought to play an important role in the development of cryptorchid testis and is a testis-specific apoptosis candidate oncogene.

Overview

Product Name	Anti-SPATA4 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-SPATA4 Antibody (Catalog # A15127). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	SPATA4 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	SPATA4 antibody can be stored at 4°C for three months and -20°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	Q8NEY3

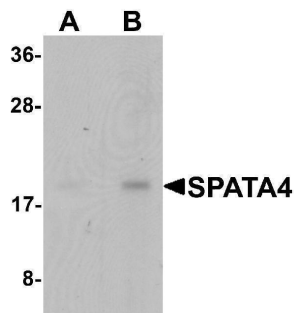
Technical Details

Immunogen	SPATA4 antibody was raised against an 18 amino acid synthetic peptide near the carboxy terminus of human SPATA4. The immunogen is located within amino acids 200 - 250 of SPATA4.
Predicted Reactive Species	Bovine
Cross Reactivity	At least two isoforms of SPATA4 are known to exist; this antibody will detect both isoforms. SPATA4 antibody is predicted to not cross-react with SPATA protein family members
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	SPATA4 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	SPATA4 antibody can be used for detection of SPATA4 by Western blot at 1 - 2 ug/mL. Antibody can

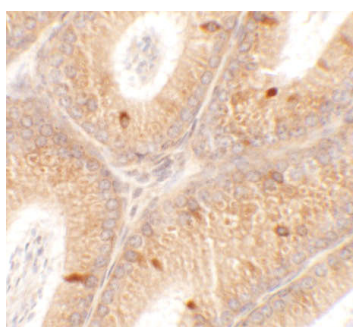
also be used for immunohistochemistry starting at 2.5 ug/mL. For immunofluorescence start at 20 ug/mL.

Antibody validated: Western Blot in mouse 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.

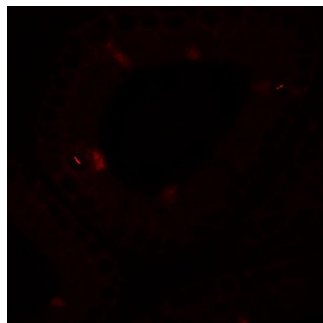
Anti-SPATA4 Antibody (A15127) Images



Western blot analysis of SPATA4 in mouse stomach tissue lysate with SPATA4 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of SPATA4 in mouse testis tissue with SPATA4 antibody at 2.5 ug/mL.



Immunofluorescence of SPATA4 in mouse testis tissue with SPATA4 antibody at 20 ug/mL.

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Anti-SPATA4 Antibody

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