

Anti-SPATA3 Antibody

Catalog Number: A16295

About SPATA3

The testis and spermatogenesis cell apoptosis related gene 1 (TSARG1) protein, also known as SPATA3, is highly expressed in testis, and to a lower extent in other tissues. SPATA3 contains a highly conserved J domain, which is present in all DnaJ-like proteins, and is thus a novel member of the HSP40 protein family. SPATA3 is thought to be involved in apoptosis of spermatogenic cells.

Overview

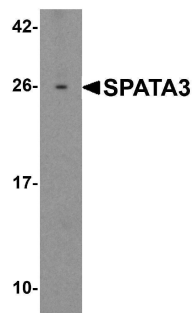
Product Name	Anti-SPATA3 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-SPATA3 Antibody (Catalog # A16295). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	SPATA3 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	SPATA3 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	Q8NHX4

Technical Details

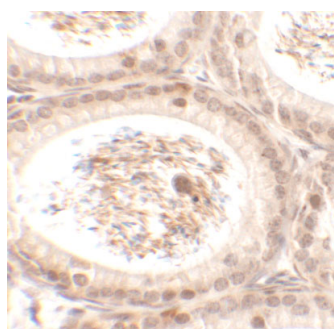
Immunogen	SPATA3 antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human SPATA3. The immunogen is located within the last 50 amino acids of SPATA3.
Predicted Reactive Species	Pig
Cross Reactivity	At least three isoforms of SPATA3 are known to exist; this antibody will detect only the longest two isoforms. SPATA3 antibody is predicted to not cross-react with SPATA protein family members
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	SPATA3 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	SPATA3 antibody can be used for detection of SPATA3 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.

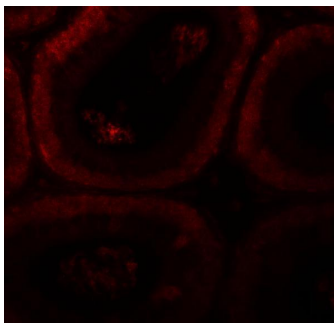
Anti-SPATA3 Antibody (A16295) Images



Western blot analysis of SPATA3 in 3T3 cell lysate with SPATA3 antibody at 1 ug/mL.



Immunohistochemistry of SPATA3 in mouse testis tissue with SPATA3 antibody at 2.5 ug/mL.



Immunofluorescence of SPATA3 in mouse testis tissue with SPATA3 antibody at 20 ug/mL.

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Anti-SPATA3 Antibody

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