BOSTER BIOLOGICAL TECHNOLOGY
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Anti-MEIG1 Antibody

Catalog Number: A16264

About MEIG1

MEIG1, a murine gene first identified as a testis specific gene, is a chromosome/chromatin-binding protein initially expressed during meiosis but retained in the germ cell nucleus throughout later stages of spermatogenesis. MEIG1 is a highly conserved basal metazoan gene that is indispensable for mouse spermatogenesis. It is important for normal meiotic differentiation and absolutely crucial for terminal differentiation of spermatozoa. MEIG1 encodes two alternative transcripts, designated 2a2 and 11a2, both of which encode for a common ORF but differing in their 5' untranslated region (5'UTR) due to alternative promoters.

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Overview

Product Name	Anti-MEIG1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-MEIG1 Antibody (Catalog # A16264). Tested in ELISA, WB, IHC-P applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC-P, WB
Clonality	Polyclonal
Formulation	MEIG1 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	MEIG1 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	Q5JSS6

Technical Details

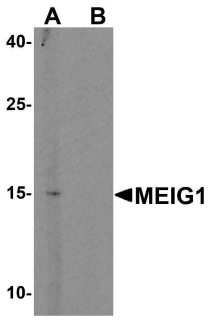
Immunogen	MEIG1 antibody was raised against a 20 amino acid synthetic peptide near the carboxy terminal of human MEIG1. The immunogen is located within the last 50 amino acids of MEIG1.
Predicted Reactive Species	Bovine
Isotype	IgG

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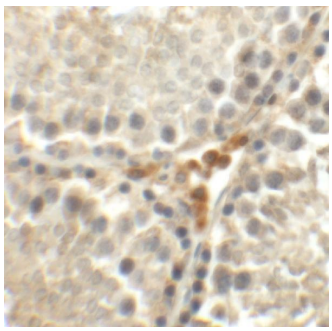
Form	Liquid
Concentration	1 mg/mL
Purification	MEIG1 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	MEIG1 antibody can be used for detection of MEIG1 by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. Antibody validated: Western Blot in mouse samples and Immunohistochemistry in rat 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-MEIG1 Antibody (A16264) Images



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



Immunohistochemistry of MEIG1 in rat testis tissue with MEIG1 antibody at 5 ug/mL.

Anti-MEIG1 Antibody

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