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www.rockland.com
tech@rockland.com
+1 484.791.3823

Datasheet for 600-401-CT3

MEIG1 Antibody

Overview

Description:	Anti-MEIG1 (RABBIT) Antibody - 600-401-CT3
Item No.:	600-401-CT3
Size:	100 µg
Applications:	ELISA, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	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.
Synonyms:	MEIG1 Antibody, SPATA39, bA2K17.3, Meiosis expressed gene 1 protein homolog
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	MEIG1
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-MEIG1 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 20 amino acid synthetic peptide near the carboxy terminal of human MEIG1.

Purity/Specificity:	Anti-MEIG1 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Cross reactivity with MEIG1 from other sources has not been determined.
Relevant Links:	• UniProtKB - Q5JSS6 • GeneID - 644890 • NCBI - Q5JSS6

Application Details

Tested Applications:	ELISA, IHC, WB
Application Note:	Anti-MEIG1 Antibody has been tested for use in ELISA, Western Blotting, and Immunohistochemistry. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 11 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000
IHC:	5 µg/mL
WB:	1 µg/mL

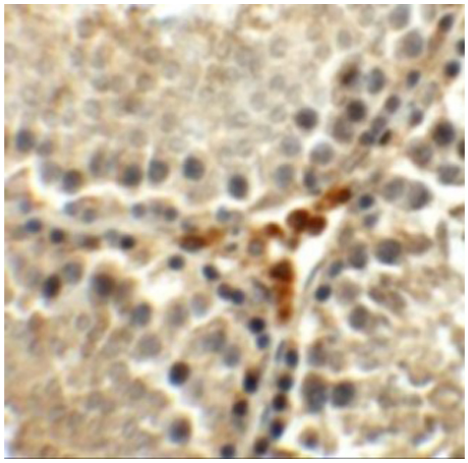
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

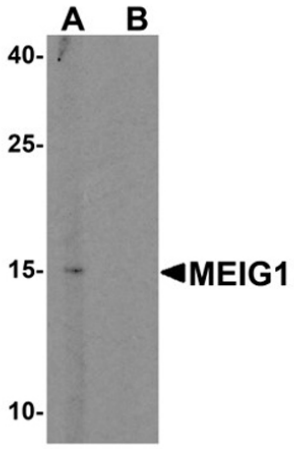
Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Immunohistochemistry
Immunohistochemistry results of MEIG1.
Tissue: rat testis tissue.
Primary Antibody: MEIG1 antibody at 5 µg/mL.



Western Blot
Western blot analysis of MEIG.
Load: mouse lung tissue lysate.
Priamy Antibody: MEIG antibody at 1 µg/mL in (A) the absence and (B) the presence of blocking peptide.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.