

Datasheet for ABIN2855547
anti-DMC1 antibody (Center)

3 Images

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Overview

Quantity:	100 µL
Target:	DMC1
Binding Specificity:	Center
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DMC1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human DMC1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Cow (Bovine), Rat (Rattus), Zebrafish (Danio rerio)
Cross-Reactivity (Details):	Rat (95 %), Zebrafish (83 %), Bovine (98 %)
Characteristics:	Rabbit polyclonal antibody to DMC1 (DMC1 dosage suppressor of mck1 homolog, meiosis-specific homologous recombination (yeast)) DMC1 antibody [N1C1]
Purification:	Purified by antigen-affinity chromatography.

Target Details

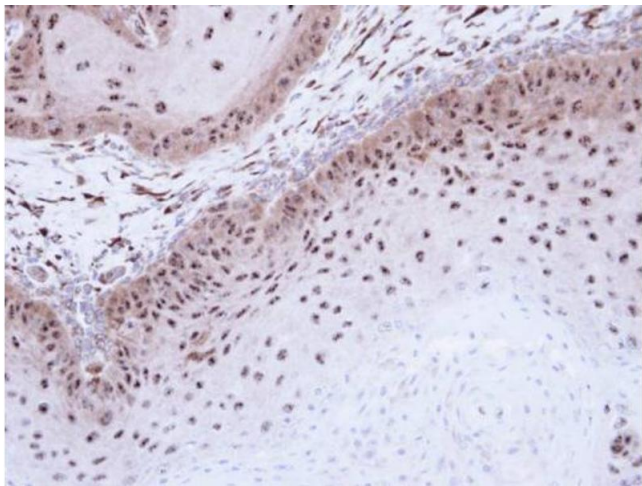
Target:	DMC1
Alternative Name:	DMC1 (DMC1 Products)
Background:	<p>The protein encoded by this gene is essential for meiotic homologous recombination. Genetic recombination in meiosis plays an important role in generating diversity of genetic information. The product of this gene is structurally and evolutionary related to the products of the yeast RAD51 and E. coli RecA genes. Alternative splice variants of this gene have been described but their full-length nature has not been determined.</p> <p>Cellular Localization: Nucleus</p>
Molecular Weight:	38 kDa
Gene ID:	11144

Application Details

Application Notes:	<p>Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceIHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:500-1:3000*</p>
Comment:	Positive Control: 293T , HeLa , Molt-4 , Raji
Restrictions:	For Research Use only

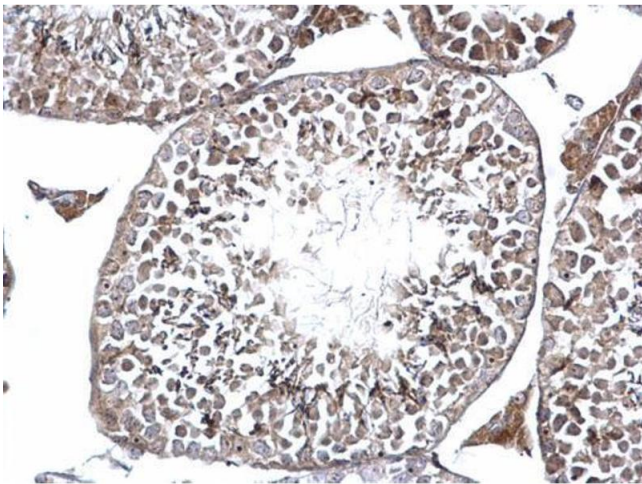
Handling

Format:	Liquid
Concentration:	0.9 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 20 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



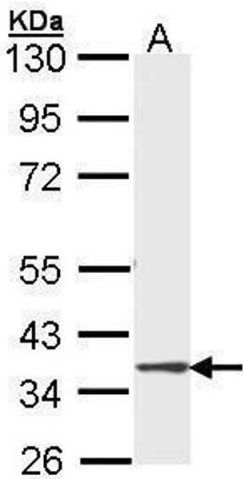
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded Cal27 xenograft , using DMC1, antibody at 1:500 dilution.



Immunohistochemistry

Image 2. IHC-P Image DMC1 antibody [N1C1] detects DMC1 protein at nucleolus on mouse testis by immunohistochemical analysis. Sample: Paraffin-embedded mouse testis. DMC1 antibody [N1C1] , dilution: 1:500.



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A: Molt-4 , 10% SDS PAGE antibody diluted at 1:1000