

Rabbit anti-Human DMC1 Polyclonal Antibody | anti-DMC1 antibody

DMC1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233891	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

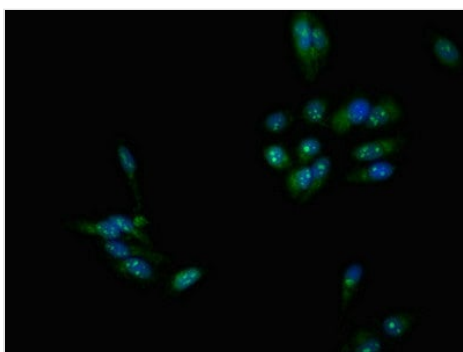
PRODUCT SYNONYMS

DMC1; Polyclonal Antibody; DMC1 Antibody; Meiotic recombination protein DMC1/LIM15 homolog; DMC1H; LIM15; anti-DMC1 antibody

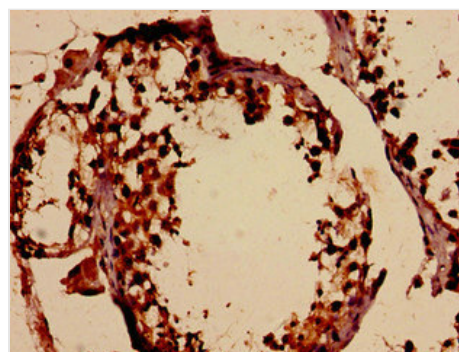
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	285
Applicable Applications for anti-DMC1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Meiotic recombination protein DMC1/LIM15 homolog protein (5-153AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

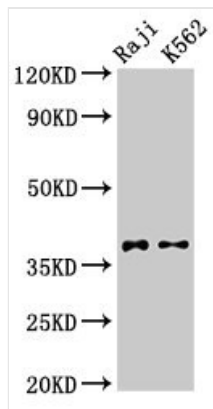
IMAGES


IHC (Immunohistochemistry)

Immunofluorescent analysis of HeLa cells using AAA233891 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)


IHC (Immunohistochemistry)

Immunohistochemistry analysis of human testis tissue using AAA233891 at dilution of 1:100



WB (Western Blot)

Western Blot Positive WB detected in: Raji whole cell lysate, K562 whole cell lysate All lanes:
 DMC1 antibody at 3.2ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000
 dilution Predicted band size: 38, 32 KDa Observed band size: 38 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-DMC1 antibody	May participate in meiotic recombination, specifically in homologous strand assimilation, which is required for the resolution of meiotic double-strand breaks.
Product Categories/Family for anti-DMC1 antibody	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	506324319
NCBI GeneID	11144
NCBI Accession #	NP_001265137.1
NCBI GenBank Nucleotide #	NM_001278208.1
UniProt Accession #	Q14565; Q08AI1; Q99498; Q9UH11; A8K9A2; B4DMW6
Molecular Weight	31,559 Da
NCBI Official Full Name	meiotic recombination protein DMC1/LIM15 homolog isoform 2
NCBI Official Synonym Full Names	DNA meiotic recombinase 1
NCBI Official Symbol	DMC1
NCBI Official Synonym Symbols	DMC1H; LIM15; dJ199H16.1
NCBI Protein Information	meiotic recombination protein DMC1/LIM15 homolog
UniProt Protein Name	Meiotic recombination protein DMC1/LIM15 homolog
UniProt Gene Name	DMC1
UniProt Synonym Gene Names	DMC1H; LIM15

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.