Product Name: Dmc1 Rabbit Polyclonal Antibody
Catalog #: APRab10034
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	IHC,ICC/IF,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
Molecular Weight	

Antigen Information

Gene Name	DMC1
Alternative Names	DMC1; DMC1H; LIM15; Meiotic recombination protein DMC1/LIM15 homolog
Gene ID	11144.0
SwissProt ID	Q14565
Immunogen	The antiserum was produced against synthesized peptide derived from human DMC1. AA range:61-110

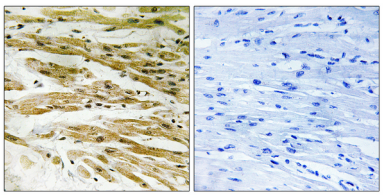
Background

DNA meiotic recombinase 1(DMC1) Homo sapiens This gene encodes a member of the superfamily of recombinases (also

called DNA strand-exchange proteins). Recombinases are important for repairing double-strand DNA breaks during mitosis and meiosis. This protein, which is evolutionarily conserved, is reported to be essential for meiotic homologous recombination and may thus play an important role in generating diversity of genetic information. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2013],function:May participate in meiotic recombination, specifically in homologous strand assimilation, which is required for the resolution of meiotic double-strand breaks.,similarity:Belongs to the recA family. DMC1 subfamily.,similarity:Contains 1 HhH domain.,subunit:Interacts with the MND1-PSMC3IP heterodimer (By similarity). Double stacked ring-shaped homooctamer.,

Research Area

Image Data



Immunohistochemistry analysis of paraffin-embedded human heart tissue, using DMC1 Antibody. The picture on the right is blocked with the synthesized peptide.