

Dmc1 rabbit pAb

Cat No.:ES4605

For research use only

Overview

Product Name	Dmc1 rabbit pAb	
Host species	Rabbit	
Applications	IHC;IF;ELISA	
Species Cross-Reactivity	Human;Mouse	
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA:	
	1/10000. Not yet tested in other applications.	
Immunogen	The antiserum was produced against synthesized	
	peptide derived from human DMC1. AA	
	range:61-110	
Specificity	Dmc1 Polyclonal Antibody detects endogenous	
	levels of Dmc1 protein.	
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and	
	0.02% sodium azide.	
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.	
Protein Name	Meiotic recombination protein DMC1/LIM15	
	homolog	
Gene Name	DMC1	
Cellular localization	Nucleus . Chromosome .	
Purification	The antibody was affinity-purified from rabbit	
	antiserum by affinity-chromatography using	
	epitope-specific immunogen.	
Clonality	Polyclonal	
Concentration	1 mg/ml	
Observed band		
Human Gene ID	11144	
Human Swiss-Prot Number	Q14565	
Alternative Names	DMC1; DMC1H; LIM15; Meiotic recombination	
	protein DMC1/LIM15 homolog	
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	



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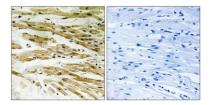
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meiosis. This protein, which is evolutionarily conserved, is reported to be essential for meiotic homologous recombination and may thus play an important role in generating diversity of genetic information. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2013],

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





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