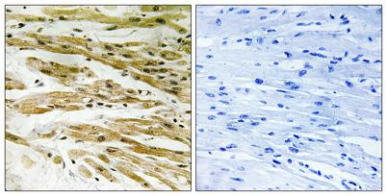
Dmc1 rabbit pAb

Cat#: orb767480 (Manual)

For research use only. Not intended for diagnostic use.

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 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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