



SMC1B rabbit pAb

Cat No.:ES11352

For research use only

Overview

Product Name	SMC1B rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human protein . at AA range: 110-190
Specificity	SMC1B Polyclonal Antibody detects endogenous levels of 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	Structural maintenance of chromosomes protein 1B (SMC protein 1B) (SMC-1-beta) (SMC-1B)
Gene Name	SMC1B SMC1L2
Cellular localization	Nucleus . Chromosome . Chromosome, centromere . Associates with chromatin. In prophase I stage of meiosis, localizes along the AE of synaptonemal complexes. In late-pachytene-diplotene, the bulk of protein dissociates from the chromosome arms probably because of phosphorylation by PLK, except at centromeres, where cohesin complexes remain. Remains chromatin associated at the centromeres up to metaphase II. At anaphase II, dissociates from centromeres, allowing chromosomes segregation (By similarity). .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	135kD
Human Gene ID	27127





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Human Swiss-Prot Number Q8NDV3

Alternative Names

Background

structural maintenance of chromosomes 1B(SMC1B)
Homo sapiens SMC1L2 belongs to a family of
proteins required for chromatid cohesion and DNA
recombination during meiosis and mitosis
(3:Revenkova et al., 2001 [PubMed
11564881]).[supplied by OMIM, Mar 2008],



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