



Anti-SMC1B (aa 551-660) polyclonal antibody (DPAB-DC1350)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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]
Immunogen	SMC1L2 (NP_683515, 551 a.a. ~ 660 a.a) partial recombinant protein with GST tag. The sequence is KVAKDCIRFLKEERAEPETFLALDYLDIKPINERLRELKGCKMVIDVIKTQFPQLKKVIQ FVCGNGLVCETMEEARHIALSGPERQKTVALDGTFLKSGVISGGSSDLK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	SMC1B structural maintenance of chromosomes 1B [Homo sapiens (human)]
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Official Symbol	SMC1B
Synonyms	SMC1B; structural maintenance of chromosomes 1B; SMC1L2; SMC1BETA; structural maintenance of chromosomes protein 1B; SMC protein 1B; SMC1 structural maintenance of chromosomes 1-like 2; SMC1 (structural maintenance of chromosomes 1, yeast)-like 1; mitosis-specific chromosome segregation protein like protein beta;
Entrez Gene ID	27127
Protein Refseq	NP_001278430
UniProt ID	Q8NDV3
Chromosome Location	22q13.31
Pathway	Cell Cycle; Cell cycle; Meiotic synapsis; Oocyte meiosis
Function	ATP binding; DNA binding;