



## 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

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

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">SMC1B structural maintenance of chromosomes 1B [ Homo sapiens (human) ]</a>
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<b>Official Symbol</b>	SMC1B
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">27127</a>
<b>Protein Refseq</b>	<a href="#">NP_001278430</a>
<b>UniProt ID</b>	<a href="#">Q8NDV3</a>
<b>Chromosome Location</b>	22q13.31
<b>Pathway</b>	Cell Cycle; Cell cycle; Meiotic synapsis; Oocyte meiosis
<b>Function</b>	ATP binding; DNA binding;

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