

anti- SPO11 antibody

Product Information

Catalog No.:	FNab08184
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Component of a topoisomerase 6 complex specifically required for meiotic recombination. Together with TOP6BL, mediates DNA cleavage that forms the double-strand breaks(DSB) that initiate meiotic recombination. The complex promotes relaxation of negative and positive supercoiled DNA and DNA decatenation through cleavage and ligation cycles. Essential for the phosphorylation of SMC3, HORMAD1 and HORMAD2.

Immunogen information

Immunogen:	SPO11 meiotic protein covalently bound to DSB homolog(<i>S. cerevisiae</i>)
Synonyms:	None
Observed MW:	55-70 kDa
Uniprot ID :	Q9Y5K1

Application

Reactivity:	Human, Mouse
Tested Application:	ELISA, WB
Recommended dilution:WB:	1:500-1:2000

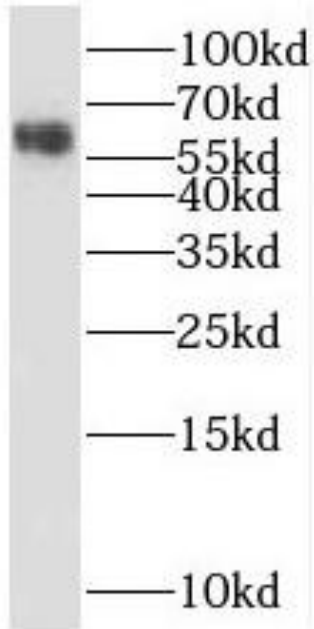
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Image:



mouse testis tissue were subjected to SDS PAGE followed by western blot with FNab08184(SPO11 antibody) at dilution of 1:400

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