

For Research Use Only

SPO11 Polyclonal antibody

Catalog Number: 15509-1-AP



Basic Information

Catalog Number: 15509-1-AP	GenBank Accession Number: BC033591	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 260 µg/ml by Nanodrop and 207 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23626	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: SPO11 meiotic protein covalently bound to DSB homolog (S. cerevisiae)	
Isotype: IgG	Calculated MW: 45 kDa	
Immunogen Catalog Number: AG4340	Observed MW: 55-70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse testis tissue, human testis tissue
Species Specificity: human, mouse	

Background Information

Spo11 is a protein used in a complex along with Mre11 and Rad50 during meiotic recombination. It is also involved in the creation of double stranded breaks in the DNA in the early stages of this process. Several transcript variants encoding different isoforms have been found for this gene.

Storage

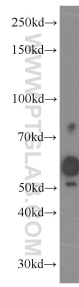
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 15509-1-AP (SPO11 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.