

For Research Use Only

SPO11 Polyclonal antibody

Catalog Number: 15509-1-AP



Basic Information

Catalog Number:

15509-1-AP

Size:

150ul , Concentration: 500 ug/ml by Nanodrop and 207 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4340

GenBank Accession Number:

BC033591

GeneID (NCBI):

23626

UNIPROT ID:

Q9Y5K1

Full Name:

SPO11 meiotic protein covalently bound to DSB homolog (S. cerevisiae)

Calculated MW:

45 kDa

Observed MW:

55-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : mouse testis tissue, human testis tissue

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

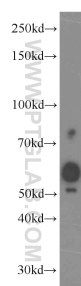
For technical support and original validation data for this product please contact:

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

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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.