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Datasheet for ABIN1401937 anti-SPO11 antibody (Biotin)



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Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/2 | Product datasheet for ABIN1401937 | 03/07/2024 | Copyright antibodies-online. All rights reserved.

Target Details

| breaks that initiate meiotic recombination. The Spo11 protein initiates meiotic recombination |
|--|
| by generating DNA double-strand breaks (DSBs) and is required for meiotic synapsis in S. |
| cerevisiae. The DSBs are located mostly in promoter regions, where the chromatin is in an open |
| configuration, and cluster in domains along the chromosome. Expression of the Spo11 is |
| detected mainly in the testis, in agreement with its predicted function in the initiation of meiotic |
| recombination. Disruption of Spo11 leads to severe gonadal abnormalities from defective |
| meiosis and results in infertility. |

Gene ID: 23626

Application Details

| Application Notes: | WB 1:300-5000 |
|--------------------|-----------------------|
| | IHC-P 1:200-400 |
| Restrictions: | For Research Use only |

Handling

| Format: | Liquid |
|--------------------|--|
| Concentration: | 1 μg/μL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C for 12 months. |
| Expiry Date: | 12 months |