

**ZNF541 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16706c****Specification**

---

**ZNF541 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q9H0D2](#)**ZNF541 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 84215**Other Names**

Zinc finger protein 541, ZNF541

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**ZNF541 Antibody (Center) Blocking Peptide - Protein Information****Name** ZNF541**Function**

Transcription regulator which is essential for male fertility and for the completion of meiotic prophase in spermatocytes. Regulates progression of the pachytene stage of meiotic prophase by activating the expression of genes involved in meiosis during spermatogenesis. Maintains the repression of pre-pachytene transcriptional programs, including meiotic double-strand breaks (DSB) formation genes in pachytene spermatocytes and suppresses aberrant DSB formation after mid-pachytene, thus ensuring meiosis progression.

**Cellular Location**

Nucleus {ECO:0000250|UniProtKB:Q0GGX2, ECO:0000255|PROSITE-ProRule:PRU00512, ECO:0000255|PROSITE-ProRule:PRU00624}

**ZNF541 Antibody (Center) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**ZNF541 Antibody (Center) Blocking Peptide - Images****ZNF541 Antibody (Center) Blocking Peptide - Background**

Component of some chromatin remodeling multiprotein complex that plays a role during spermatogenesis (By similarity).

**ZNF541 Antibody (Center) Blocking Peptide - References**

Gerhard, D.S., et al. Genome Res. 14 (10B), 2121-2127 (2004) :