

**CCDC36 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11750b****Specification**

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**CCDC36 Antibody (C-term) Blocking peptide - Product Information**Primary Accession [Q8IYA8](#)**CCDC36 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 339834**Other Names**

Coiled-coil domain-containing protein 36, Cancer/testis antigen 74, CT74, CCDC36

**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.

**CCDC36 Antibody (C-term) Blocking peptide - Protein Information****Name** IHO1 {ECO:0000303|PubMed:27723721, ECO:0000312|HGNC:HGNC:27945}**Function**

Required for DNA double-strand breaks (DSBs) formation in unsynapsed regions during meiotic recombination. Probably acts by forming a complex with MEI4 and REC114, which activates DSBs formation in unsynapsed regions, an essential step to ensure completion of synapsis. Not required for HORMAD1 functions in pairing-independent synaptonemal complex formation, ATR recruitment to unsynapsed axes, meiotic silencing of unsynapsed chromatin (MSUC) or meiotic surveillance.

**Cellular Location**

Chromosome {ECO:0000250|UniProtKB:Q6PDM4}. Note=Specifically localizes to unsynapsed chromosomal regions during meiosis. {ECO:0000250|UniProtKB:Q6PDM4}

**CCDC36 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**CCDC36 Antibody (C-term) Blocking peptide - Images**

**CCDC36 Antibody (C-term) Blocking peptide - Background**

ZNF860 may be involved in transcriptional regulation (By similarity).

**CCDC36 Antibody (C-term) Blocking peptide - References**

Muzny, D.M., et al. Nature 440(7088):1194-1198(2006)