

PRR19 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP11830c

Specification

PRR19 Antibody (Center) Blocking peptide - Product Information

Primary Accession [A6NJB7](#)

PRR19 Antibody (Center) Blocking peptide - Additional Information

Gene ID 284338

Other Names

Proline-rich protein 19, PRR19

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.

PRR19 Antibody (Center) Blocking peptide - Protein Information

Name PRR19 ([HGNC:33728](#))

Function

Promotes meiotic crossing over formation through its interaction with CNTD1 by participating in the crossover differentiation step of crossover-specific recombination intermediates.

Cellular Location

Nucleus {ECO:0000250|UniProtKB:B2RW88}. Chromosome {ECO:0000250|UniProtKB:B2RW88}. Note=Co-localized at crossover sites with CNTD1. Localizes on synapsed chromosome only in mid/late pachytene spermatocytes. {ECO:0000250|UniProtKB:B2RW88}

PRR19 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

PRR19 Antibody (Center) Blocking peptide - Images

PRR19 Antibody (Center) Blocking peptide - Background

Cholesterol homeostasis is regulated, at least in part, by sterol regulatory element (SRE)-binding proteins (e.g., SREBP1; MIM184756) and by liver X receptors (e.g., LXRA; MIM 602423). Upon sterol depletion, LXRs are inactive and SREBPs are cleaved, after which they bind promoter SREs and activate genes involved in cholesterol biosynthesis and uptake. Sterol transport is mediated by vesicles or by soluble protein carriers, such as steroidogenic acute regulatory protein (STAR; MIM 600617). STAR is homologous to a family of proteins containing a 200- to 210-amino acid STAR-related lipid transfer (START) domain, including STARD6 (Soccio et al., 2002 [PubMed 12011452]).

PRR19 Antibody (Center) Blocking peptide - References

Bailey, S.D., et al. Diabetes Care (2010) In press : Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Soccio, R.E., et al. Proc. Natl. Acad. Sci. U.S.A. 99(10):6943-6948(2002)