

**C21orf45 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP13158c****Specification**

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**C21orf45 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q9NYP9](#)**C21orf45 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 54069**Other Names**

Protein Mis18-alpha, FAPP1-associated protein 1, MIS18A, C21orf45, C21orf46, FASP1

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13158c was selected from the Center region of C21orf45. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**C21orf45 Antibody (Center) Blocking Peptide - Protein Information****Name** MIS18A**Synonyms** C21orf45, C21orf46, FASP1**Function**

Required for recruitment of CENPA to centromeres and normal chromosome segregation during mitosis.

**Cellular Location**

Nucleus. Chromosome. Chromosome, centromere. Note=Associated with centromeres in interphase cells, from late anaphase to the G1 phase. Not detected on centromeres during earlier phases of mitosis. Associated with chromatin

**Tissue Location**

Detected in testis..

## **C21orf45 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **C21orf45 Antibody (Center) Blocking Peptide - Images**

## **C21orf45 Antibody (Center) Blocking Peptide - Background**

C21orf45 is required for recruitment of CENPA to centromeres and normal chromosome segregation during mitosis.

## **C21orf45 Antibody (Center) Blocking Peptide - References**

Birlea, S.A., et al. J. Invest. Dermatol. 130(3):798-803(2010) Lamesch, P., et al. Genomics 89(3):307-315(2007) Fujita, Y., et al. Dev. Cell 12(1):17-30(2007) Ye, X.X., et al. Mol. Cell. Biochem. 271 (1-2), 151-158 (2005) :Gardiner, K., et al. Genomics 79(6):833-843(2002)