

NSE4A Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP9909a**Specification**

NSE4A Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9NXX6](#)**NSE4A Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 54780**Other Names**

Non-structural maintenance of chromosomes element 4 homolog A, NS4EA, Non-SMC element 4 homolog A, NSMCE4A, C10orf86

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.

NSE4A Antibody (N-term) Blocking Peptide - Protein Information**Name** NSMCE4A**Synonyms** C10orf86**Function**

Component of the SMC5-SMC6 complex, a complex involved in DNA double-strand breaks by homologous recombination. The complex may promote sister chromatid homologous recombination by recruiting the SMC1-SMC3 cohesin complex to double-strand breaks. The complex is required for telomere maintenance via recombination in ALT (alternative lengthening of telomeres) cell lines and mediates sumoylation of shelterin complex (telosome) components which is proposed to lead to shelterin complex disassembly in ALT-associated PML bodies (APBs). Is involved in positive regulation of response to DNA damage stimulus.

Cellular Location

Nucleus. Chromosome, telomere

NSE4A Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

NSE4A Antibody (N-term) Blocking Peptide - Images

NSE4A Antibody (N-term) Blocking Peptide - References

Hu, B., et al. Mol. Microbiol. 55(6):1735-1750(2005)