

K0146 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP4838a**Specification**

K0146 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [Q14159](#)

K0146 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 23514

Other Names

DNA repair-scaffolding protein, Scaffolding protein involved in DNA repair, SPIDR, KIAA0146

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.

K0146 Antibody (N-term) Blocking Peptide - Protein Information

Name SPIDR

Synonyms KIAA0146

Function

Plays a role in DNA double-strand break (DBS) repair via homologous recombination (HR). Serves as a scaffolding protein that helps to promote the recruitment of DNA-processing enzymes like the helicase BLM and recombinase RAD51 to site of DNA damage, and hence contributes to maintain genomic integrity.

Cellular Location

Nucleus. Note=Together with BLM, is redistributed in discrete nuclear DNA damage-induced foci following hydroxyurea (HU) or camptothecin (CPT) treatment

K0146 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

K0146 Antibody (N-term) Blocking Peptide - Images

K0146 Antibody (N-term) Blocking Peptide - References

Tang, B.S., et al. J. Virol. 79(10):6180-6193(2005) Lee, Y.W., et al. Mol. Med. 10 (1-6), 19-27 (2004)