

KIAA1530 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP10583a**Specification**

KIAA1530 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q2YD98](#)
Other Accession [NP_065945.2](#)**KIAA1530 Antibody (N-term) Blocking Peptide - Additional Information**

Gene ID 57654

Other NamesUV-stimulated scaffold protein A, UVSSA,
KIAA1530**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.

KIAA1530 Antibody (N-term) Blocking Peptide - Protein Information

Name UVSSA

Synonyms KIAA1530

Function

Factor involved in transcription-coupled nucleotide excision repair (TC-NER) in response to UV damage. TC-NER allows RNA polymerase II-blocking lesions to be rapidly removed from the transcribed strand of active genes. Acts by promoting stabilization of ERCC6 by recruiting

KIAA1530 Antibody (N-term) Blocking Peptide - ReferencesLamesch, P., et al. Genomics
89(3):307-315(2007)

deubiquitinating enzyme USP7 to TC-NER complexes, preventing UV-induced degradation of ERCC6 by the proteasome. Interacts with the elongating form of RNA polymerase II (RNA pol Ilo) and facilitates its ubiquitination at UV damage sites, leading to promote RNA pol Ilo backtracking to allow access to the nucleotide excision repair machinery. Not involved in processing oxidative damage.

Cellular Location

Chromosome. Note=Accumulates at UV DNA damage sites

KIAA1530 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)