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RAD23A Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP14556a

Specification

RAD23A Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P54725

RAD23A Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 5886

Other Names
UV excision repair protein RAD23 homolog A, HR23A, hHR23A, RAD23A

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.

RAD23A Antibody (N-term) Blocking Peptide - Protein Information

Name RAD23A

Function
Multiubiquitin chain receptor involved in modulation of proteasomal degradation. Binds to 'Lys-48'-linked polyubiquitin chains in a length-dependent manner and with a lower affinity to 'Lys-63'- linked polyubiquitin chains. Proposed to be capable to bind simultaneously to the 26S proteasome and to polyubiquitinated substrates and to deliver ubiquitinated proteins to the proteasome. (Microbial infection) Involved in Vpr-dependent replication of HIV-1 in non-proliferating cells and primary macrophages. Required for the association of HIV-1 Vpr with the host proteasome.

Cellular Location
Nucleus.

RAD23A Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

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RAD23A Antibody (N-term) Blocking Peptide - Images

RAD23A Antibody (N-term) Blocking Peptide - Background

The protein encoded by this gene is one of two humanhomologs of Saccharomyces cerevisiae Rad23, a protein involved innucleotide excision repair (NER). This protein was shown tointeract with, and elevate the nucleotide excision activity of3-methyladenine-DNA glycosylase (MPG), which suggested a role inDNA damage recognition in base excision repair. This proteincontains an N-terminal ubiquitin-like domain, which was reported tointeract with 26S proteasome, as well as with ubiquitin proteinligase E6AP, and thus suggests that this protein may be involved inthe ubiquitin mediated proteolytic pathway in cells. [provided byRefSeq].

RAD23A Antibody (N-term) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Briggs, F.B., et al. Am. J. Epidemiol. 172(2):217-224(2010)Monsees, G.M., et al. Breast Cancer Res. Treat. (2010) In press :Li, G., et al. PLoS ONE 5 (6), E11371 (2010) :Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)