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RPAIN Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16641a

Specification

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

Primary Accession Q86UA6

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

Gene ID 84268

Other Names
RPA-interacting protein, hRIP, RPAIN, RIP

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.

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

Name RPAIN

Synonyms RIP

Function
Mediates the import of RPA complex into the nucleus, possibly via some interaction with importin beta. Isoform 2 is sumoylated and mediates the localization of RPA complex into the PML body of the nucleus, thereby participating in RPA function in DNA metabolism.

Cellular Location
[Isoform 1]: Cytoplasm. Nucleus.

Tissue Location
Widely expressed. Expressed in pancreas, kidney, muscle, liver, lung, placenta, brain, heart, leukocytes, colon, intestine, ovary, testis, prostate, thymus and spleen

RPAIN Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

RPAIN Antibody (N-term) Blocking Peptide - Images

RPAIN Antibody (N-term) Blocking Peptide - Background

RPAIN mediates the import of RPA complex into the nucleus, possibly via some interaction with importin beta. Isoform 2 is sumoylated and mediates the localization of RPA complex into the PML body of the nucleus, thereby participating in RPA function in DNA metabolism.

RPAIN Antibody (N-term) Blocking Peptide - References

Davila, S., et al. Genes Immun. 11(3):232-238(2010)Dagle, J.M., et al. Pediatrics 123(4):1116-1123(2009)Lamesch, P., et al. Genomics 89(3):307-315(2007)Park, J., et al. Mol. Cell. Biol. 25(18):8202-8214(2005)Chen, J.Z., et al. DNA Cell Biol. 24(7):464-469(2005)