

**RMP (URI) Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP1960b****Specification**

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**RMP (URI) Antibody (C-term) Blocking peptide - Product Information**Primary Accession [O94763](#)**RMP (URI) Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 8725**Other Names**

Unconventional prefoldin RPB5 interactor 1, Protein NNX3, Protein phosphatase 1 regulatory subunit 19, RNA polymerase II subunit 5-mediating protein, RPB5-mediating protein, URI1, C19orf2, NNX3, PPP1R19, RMP, URI

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP1960b](/product/products/AP1960b) was selected from the C-term region of human RMP. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**RMP (URI) Antibody (C-term) Blocking peptide - Protein Information****Name** URI1**Synonyms** C19orf2, NNX3, PPP1R19, RMP, URI**Function**

Involved in gene transcription regulation. Acts as a transcriptional repressor in concert with the corepressor UXT to regulate androgen receptor (AR) transcription. May act as a tumor suppressor to repress AR-mediated gene transcription and to inhibit anchorage-independent growth in prostate cancer cells. Required for cell survival in ovarian cancer cells. Together with UXT, associates with chromatin to the NNX3-1 promoter region. Antagonizes transcriptional modulation via hepatitis B virus X protein.

**Cellular Location**

Nucleus. Cytoplasm. Mitochondrion. Cell projection, dendrite. Note=Colocalizes with PFDN2, PFDN4, PPP1CC, RPS6KB1 and STAP1 at mitochondrion

**Tissue Location**

Ubiquitous. Expressed in ovarian cancers (at protein level). Expressed strongly in skeletal muscle. Expressed weakly in brain, heart, pancreas and in prostate epithelial cells

**RMP (URI) Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**RMP (URI) Antibody (C-term) Blocking peptide - Images****RMP (URI) Antibody (C-term) Blocking peptide - Background**

The protein encoded by this gene binds to RNA polymerase II subunit 5 (RPB5) and negatively modulates transcription through its binding to RPB5. The encoded protein seems to have inhibitory effects on various types of activated transcription, but it requires the RPB5-binding region. This protein acts as a corepressor. It is suggested that it may require signaling processes for its function or that it negatively modulates genes in the chromatin structure. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene.

**RMP (URI) Antibody (C-term) Blocking peptide - References**

Delgermaa, L., et al., Mol. Cell. Biol. 24(19):8556-8566 (2004).Gstaiger, M., et al., Science 302(5648):1208-1212 (2003).Van Leuven, F., et al., Genomics 54(3):511-520 (1998).Dorjsuren, D., et al., Mol. Cell. Biol. 18(12):7546-7555 (1998).