

RRP1B Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP14325a**Specification**

RRP1B Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q14684](#)**RRP1B Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 23076**Other Names**

Ribosomal RNA processing protein 1 homolog B, RRP1-like protein B, RRP1B, KIAA0179

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.

RRP1B Antibody (N-term) Blocking Peptide - Protein Information**Name** RRP1B**Synonyms** KIAA0179**Function**

Positively regulates DNA damage-induced apoptosis by acting as a transcriptional coactivator of proapoptotic target genes of the transcriptional activator E2F1 (PubMed:20040599). Likely to play a role in ribosome biogenesis by targeting serine/threonine protein phosphatase PP1 to the nucleolus (PubMed:20926688). Involved in regulation of mRNA splicing (By similarity). Inhibits SIPA1 GTPase activity (By similarity). Involved in regulating expression of extracellular matrix genes (By similarity). Associates with chromatin and may play a role in modulating chromatin structure (PubMed:19710015).

Cellular Location

Nucleus, nucleolus. Nucleus, nucleoplasm. Chromosome. Note=Predominantly located in the nucleolus with a small amount found in the nucleoplasm (PubMed:20926688). Associates with the perichromatin region during metaphase and with cytoplasmic foci during telophase before reaccumulation in the nucleolus during G2 (PubMed:20926688). Associates with heterochromatin

and euchromatin (PubMed:19710015)

RRP1B Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

RRP1B Antibody (N-term) Blocking Peptide - Images

RRP1B Antibody (N-term) Blocking Peptide - Background

RRP1B belongs to the RRP1 family. It may be a novel susceptibility gene for breast cancer progression and metastasis.

RRP1B Antibody (N-term) Blocking Peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Paik, J.C., et al. J. Biol. Chem. 285(9):6348-6363(2010)Crawford, N.P., et al. J. Biol. Chem. 284(42):28660-28673(2009)Hsieh, S.M., et al. Breast Cancer Res. 11 (5), R75 (2009) :Crawford, N.P., et al. PLoS Genet. 3 (11), E214 (2007) :