

**RRP7A Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP12998b****Specification**

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**RRP7A Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [O9Y3A4](#)  
Other Accession [NP\\_056518.2](#)

**RRP7A Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 27341

**Other Names**

Ribosomal RNA-processing protein 7 homolog A, Gastric cancer antigen Zg14, RRP7A

**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.

**RRP7A Antibody (C-term) Blocking peptide - Protein Information**

**Name** RRP7A ([HGNC:24286](#))

**Function**

Nucleolar protein that is involved in ribosomal RNA (rRNA) processing (PubMed:<a href="http://www.uniprot.org/citations/33199730" target="\_blank">33199730</a>). Also plays a role in primary cilia resorption, and cell cycle progression in neurogenesis and neocortex development (PubMed:<a href="http://www.uniprot.org/citations/33199730" target="\_blank">33199730</a>). Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit. During the assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with the nascent pre-rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of pre-ribosomal RNA by the RNA exosome (PubMed:<a href="http://www.uniprot.org/citations/34516797" target="\_blank">34516797</a>).

**Cellular Location**

Nucleus, nucleolus. Cell projection, cilium. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome

**Tissue Location**

Expressed in the apical radial glial cells in the developing brain.

#### **RRP7A Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

#### **RRP7A Antibody (C-term) Blocking peptide - Images**

#### **RRP7A Antibody (C-term) Blocking peptide - References**

Line, A., et al. Br. J. Cancer 86(11):1824-1830(2002)