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RRP7A Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP12998b

Specification

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

Primary Accession	Q9Y3A4
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:33199730). Also plays a role in primary cilia resorption, and cell cycle progression in neurogenesis and neocortex development (PubMed:33199730). 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:34516797).

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)