

BMS1L Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP1941a**Specification**

BMS1L Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q14692](#)**BMS1L Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 9790**Other Names**

Ribosome biogenesis protein BMS1 homolog, Ribosome assembly protein BMS1 homolog, BMS1, BMS1L, KIAA0187

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP1941a](/product/products/AP1941a) was selected from the N-term region of human BMS1L. 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.

BMS1L Antibody (N-term) Blocking Peptide - Protein Information**Name** BMS1 ([HGNC:23505](#))**Synonyms** BMS1L, KIAA0187**Function**

GTPase required for the synthesis of 40S ribosomal subunits and for processing of pre-ribosomal RNA (pre-rRNA) at sites A0, A1, and A2. Controls access of pre-rRNA intermediates to RCL1 during ribosome biogenesis by binding RCL1 in a GTP-dependent manner, and delivering it to pre-ribosomes. GTP-binding and/or GTP hydrolysis may induce conformational rearrangements within the BMS1-RCL1 complex allowing the interaction of RCL1 with its RNA substrate. Required for RCL1 import into the nucleus.

Cellular Location

Nucleus, nucleolus

BMS1L Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

BMS1L Antibody (N-term) Blocking Peptide - Images**BMS1L Antibody (N-term) Blocking Peptide - Background**

BMS1L may act as a molecular switch during maturation of the 40S ribosomal subunit in the nucleolus.

BMS1L Antibody (N-term) Blocking Peptide - References

Crosier, M., et al., Genome Res. 12(1):67-80 (2002).