

LAS1L Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17345b**Specification**

LAS1L Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9Y4W2](#)**LAS1L Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 81887**Other Names**

Ribosomal biogenesis protein LAS1L, Protein LAS1 homolog, LAS1L

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.

LAS1L Antibody (C-term) Blocking Peptide - Protein Information**Name** LAS1L**Function**

Required for the synthesis of the 60S ribosomal subunit and maturation of the 28S rRNA (PubMed:20647540). Functions as a component of the Five Friends of Methylated CHTOP (5FMC) complex; the 5FMC complex is recruited to ZNF148 by methylated CHTOP, leading to desumoylation of ZNF148 and subsequent transactivation of ZNF148 target genes (PubMed:22872859). Required for the efficient pre-rRNA processing at both ends of internal transcribed spacer 2 (ITS2) (PubMed:22083961).

Cellular Location

Nucleus, nucleolus. Nucleus, nucleoplasm {ECO:0000250|UniProtKB:A2BE28}. Cytoplasm {ECO:0000250|UniProtKB:A2BE28}. Note=Mainly found in the nucleoplasm, with low levels detected in the cytoplasmic and chromatin fractions (By similarity). Localizes mainly to the granular component, the region implicated in the later steps of rRNA processing and subunit assembly and export. {ECO:0000250|UniProtKB:A2BE28}

LAS1L Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

LAS1L Antibody (C-term) Blocking Peptide - Images

LAS1L Antibody (C-term) Blocking Peptide - Background

The function of LAS1L has not been determined.

LAS1L Antibody (C-term) Blocking Peptide - References

Castle, C.D., et al. Mol. Cell. Biol. 30(18):4404-4414(2010) Scherl, A., et al. Mol. Biol. Cell 13(11):4100-4109(2002)