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LSM1 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP2863b

Specification

LSM1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession O15116

LSM1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 27257

Other Names
U6 snRNA-associated Sm-like protein LSm1, Cancer-associated Sm-like, Small nuclear ribonuclear CaSm, LSM1, CASM

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP2863b was selected from the C-term region of human LSM1. 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.

LSM1 Antibody (C-term) Blocking Peptide - Protein Information

Name LSM1

Synonyms CASM

Function
Plays a role in the degradation of histone mRNAs, the only eukaryotic mRNAs that are not polyadenylated (PubMed:18172165). Probably also part of an LSm subunits-containing complex involved in the general process of mRNA degradation (By similarity).

Cellular Location
Cytoplasm. Cytoplasm, P-body

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LSM1 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

LSM1 Antibody (C-term) Blocking Peptide - Images

LSM1 Antibody (C-term) Blocking Peptide - Background

Sm-like proteins were identified in a variety of organisms based on sequence homology with the Sm protein family. Sm-like proteins contain the Sm sequence motif, which consists of 2 regions separated by a linker of variable length that folds as a loop. The Sm-like proteins are thought to form a stable heteromer present in tri-snRNP particles, which are important for pre-mRNA splicing.

LSM1 Antibody (C-term) Blocking Peptide - References

Schweinfest C.W., Graber M.W., Chapman J.M., Papas T.S., Baron P.L.,Cancer Res. 57:2961-2965(1997)