

**LSM1 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP2863c****Specification**

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**LSM1 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [O15116](#)**LSM1 Antibody (Center) 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 [AP2863c](/products/AP2863c) was selected from the Center 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 (Center) 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: <http://www.uniprot.org/citations/18172165> target="\_blank">18172165</a>). 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

## **LSM1 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **LSM1 Antibody (Center) Blocking Peptide - Images**

## **LSM1 Antibody (Center) 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 (Center) Blocking Peptide - References**

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