

**LSM14A Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14733b****Specification**

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**LSM14A Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q8ND56](#)**LSM14A Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 26065**Other Names**

Protein LSM14 homolog A, Protein FAM61A, Protein SCD6 homolog, Putative alpha-synuclein-binding protein, AlphaSNBP, RNA-associated protein 55A, hRAP55, hRAP55A, LSM14A, C19orf13, FAM61A, RAP55, RAP55A

**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.

**LSM14A Antibody (C-term) Blocking Peptide - Protein Information****Name** LSM14A {ECO:0000303|PubMed:26339800, ECO:0000312|HGNC:HGNC:24489}**Function**

Essential for formation of P-bodies, cytoplasmic structures that provide storage sites for translationally inactive mRNAs and protect them from degradation (PubMed:<a href="http://www.uniprot.org/citations/16484376" target="\_blank">16484376</a>, PubMed:<a href="http://www.uniprot.org/citations/17074753" target="\_blank">17074753</a>, PubMed:<a href="http://www.uniprot.org/citations/29510985" target="\_blank">29510985</a>). Acts as a repressor of mRNA translation (PubMed:<a href="http://www.uniprot.org/citations/29510985" target="\_blank">29510985</a>). May play a role in mitotic spindle assembly (PubMed:<a href="http://www.uniprot.org/citations/26339800" target="\_blank">26339800</a>).

**Cellular Location**

Cytoplasm, P-body. Cytoplasm, cytoskeleton, spindle. Cytoplasm, Stress granule

**LSM14A Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **LSM14A Antibody (C-term) Blocking Peptide - Images**

#### **LSM14A 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 (see SNRPD2;601061). 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.

#### **LSM14A Antibody (C-term) Blocking Peptide - References**

Marnef, A., et al. Int. J. Biochem. Cell Biol. 41(5):977-981(2009) Tanaka, K.J., et al. J. Biol. Chem. 281(52):40096-40106(2006) Olsen, J.V., et al. Cell 127(3):635-648(2006) Yang, W.H., et al. RNA 12(4):547-554(2006)