

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

LSM14A Antibody (C-term) Blocking Peptide - Product InformationPrimary 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:16484376, PubMed:17074753, PubMed:29510985). Acts as a repressor of mRNA translation (PubMed:29510985). May play a role in mitotic spindle assembly (PubMed:26339800).

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)