

LSM7 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11679b**Specification**

LSM7 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q9UK45](#)**LSM7 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 51690**Other Names**

U6 snRNA-associated Sm-like protein LSm7, LSM7

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.

LSM7 Antibody (C-term) Blocking peptide - Protein Information**Name** LSM7**Function**

Plays a role in pre-mRNA splicing as component of the U4/U6- U5 tri-snRNP complex that is involved in spliceosome assembly, and as component of the precatalytic spliceosome (spliceosome B complex) (PubMed:28781166). The heptameric LSM2-8 complex binds specifically to the 3'-terminal U-tract of U6 snRNA (PubMed:10523320).

Cellular Location

Nucleus

LSM7 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

LSM7 Antibody (C-term) Blocking peptide - Images

LSM7 Antibody (C-term) Blocking peptide - Background

This gene encodes a member of the bicoid sub-family of homeodomain-containing transcription factors. The encoded protein acts as a transcription factor and may play a role in brain and sensory organ development. A similar protein in mice is required for proper forebrain development. Two transcript variants encoding distinct isoforms have been identified for this gene. Other alternative splice variants may exist, but their full length sequences have not been determined.

LSM7 Antibody (C-term) Blocking peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Masuda, T., et al. J. Biol. Chem. 285(35):26933-26944(2010) Gonzalez-Rodriguez, J., et al. Br J Ophthalmol 94(8):1100-1104(2010) Chung, C.Y., et al. Brain 133 (PT 7), 2022-2031 (2010) : Ashkenazi-Hoffnung, L., et al. Hum. Genet. 127(6):721-729(2010)