

**LSG1 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP5766b****Specification**

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**LSG1 Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [O9H089](#)  
Other Accession [NP\\_060855.2](#)

**LSG1 Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 55341

**Other Names**

Large subunit GTPase 1 homolog, hLsg1, 361-, LSG1

**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.

**LSG1 Antibody (C-term) Blocking peptide - Protein Information**

**Name** LSG1

**Function**

GTPase required for the XPO1/CRM1-mediated nuclear export of the 60S ribosomal subunit. Probably acts by mediating the release of NMD3 from the 60S ribosomal subunit after export into the cytoplasm (Probable).

**Cellular Location**

Cytoplasm. Endoplasmic reticulum. Nucleus, Cajal body. Note=Shuttles between the Cajal bodies in the nucleus and the endoplasmic reticulum

**LSG1 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**LSG1 Antibody (C-term) Blocking peptide - Images**

**LSG1 Antibody (C-term) Blocking peptide - Background**

LSG1 is a protein related to the yeast largesubunit GTPase 1. The encoded protein is necessary for cellviability and may localize in the endoplasmic reticulum, nucleusand cytoplasm.

**LSG1 Antibody (C-term) Blocking peptide - References**

Kimura, K., et al. Genome Res. 16(1):55-65(2006)Reynaud, E.G., et al. BMC Biol. 3, 21 (2005) :Dias Neto, E., et al. Proc. Natl. Acad. Sci. U.S.A. 97(7):3491-3496(2000)