

**LSM12 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP13111b****Specification**

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**LSM12 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q3MHD2](#)**LSM12 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 124801**Other Names**

Protein LSM12 homolog, LSM12

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13111b was selected from the C-term region of LSM12. 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.

**LSM12 Antibody (C-term) Blocking Peptide - Protein Information****Name** LSM12**Function**

Nicotinic acid adenine dinucleotide phosphate (NAADP) binding protein (PubMed: [34362892](http://www.uniprot.org/citations/34362892)). Confers NAADP sensitivity to the two pore channel complex (TPCs) by acting as TPC accessory protein necessary for NAADP-evoked Ca(2+) release (PubMed: [34362892](http://www.uniprot.org/citations/34362892)).

**Cellular Location**

Cytoplasm. Note=Colocalizes with TPCN2.

**LSM12 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **LSM12 Antibody (C-term) Blocking Peptide - Images**

#### **LSM12 Antibody (C-term) Blocking Peptide - Background**

LSM12 belongs to the LSM12 family. The exact function of LSM12 is not known.

#### **LSM12 Antibody (C-term) Blocking Peptide - References**

Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :Albrecht, M., et al. FEBS Lett. 569 (1-3), 18-26 (2004) :