

**LYZL6 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16919c****Specification**

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**LYZL6 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [O75951](#)**LYZL6 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 57151**Other Names**

Lysozyme-like protein 6, LYZL6, LYC1

**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.

**LYZL6 Antibody (Center) Blocking Peptide - Protein Information****Name** LYZL6**Synonyms** LYC1**Function**

May be involved sperm-egg plasma membrane adhesion and fusion during fertilization (PubMed:<a href="http://www.uniprot.org/citations/28182716" target="\_blank">28182716</a>). Exhibits bacteriolytic activity in vitro against Micrococcus luteus and Staphylococcus aureus (PubMed:<a href="http://www.uniprot.org/citations/28182716" target="\_blank">28182716</a>, PubMed:<a href="http://www.uniprot.org/citations/24013621" target="\_blank">24013621</a>). Shows weak bacteriolytic activity against Gram-positive bacteria at physiological pH (PubMed:<a href="http://www.uniprot.org/citations/28182716" target="\_blank">28182716</a>). Bacteriolytic activity is pH-dependent, with a maximum at around pH 5.6 (PubMed:<a href="http://www.uniprot.org/citations/28182716" target="\_blank">28182716</a>).

**Cellular Location**

Secreted. Cell surface. Cell projection, cilium, flagellum {ECO:0000250|UniProtKB:Q9DA11}. Note=Detected on the postacrosomal membrane of mature spermatozoa (PubMed:28182716)

**Tissue Location**

Expressed in testis, epididymis and spermatozoa (at protein level) (PubMed:16014814,

PubMed:28182716). Expressed in late- stage spermatocytes and round spermatids  
(PubMed:28182716)

### **LYZL6 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **LYZL6 Antibody (Center) Blocking Peptide - Images**

### **LYZL6 Antibody (Center) Blocking Peptide - Background**

Lysozymes (see LYZ; MIM 153450), especially C-type lysozymes, are well-recognized bacteriolytic factors widely distributed in the animal kingdom and play a mainly protective role in host defense. LYZL6 is a member of a family of lysozyme-like genes (Zhang et al., 2005 [PubMed 16014814]).

### **LYZL6 Antibody (Center) Blocking Peptide - References**

Lamesch, P., et al. Genomics 89(3):307-315(2007) Zhang, K., et al. Biol. Reprod. 73(5):1064-1071(2005) Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003) Nomiya, H., et al. J. Interferon Cytokine Res. 19(3):227-234(1999)