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# LYZL4 Antibody (Center) Blocking Peptide

**Synthetic peptide**
**Catalog # BP18093c**

## Specification

### LYZL4 Antibody (Center) Blocking Peptide - Product Information

| | |
|---|---|
| Primary Accession | Q96KX0 |

### LYZL4 Antibody (Center) Blocking Peptide - Additional Information

**Gene ID** 131375

**Other Names**
Lysozyme-like protein 4, Lysozyme-4, LYZL4, LYC4

**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.

### LYZL4 Antibody (Center) Blocking Peptide - Protein Information

**Name** LYZL4

**Synonyms** LYC4

**Function**
May be involved in fertilization (By similarity). Has no detectable bacteriolytic and lysozyme activities in vitro (By similarity).

**Cellular Location**
Secreted {ECO:0000250|UniProtKB:Q9D925}. Cytoplasmic vesicle, secretory vesicle, acrosome {ECO:0000250|UniProtKB:Q9D925}. Cell projection, cilium, flagellum {ECO:0000250|UniProtKB:Q9D925}. Note=Found in the principal piece of sperm tail. {ECO:0000250|UniProtKB:Q9D925}

**Tissue Location**
Expressed in testis and epididymis.

### LYZL4 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

**LYZL4 Antibody (Center) Blocking Peptide - Images**

**LYZL4 Antibody (Center) Blocking Peptide - Background**

Lysozymes (see LYZ; MIM 153450), especially C-typelysozymes, are well-recognized bacteriolytic factors widelydistributed in the animal kingdom and play a mainly protective rolein host defense. LYZL4 is a member of a family of lysozyme-likegenes (Zhang et al., 2005 [PubMed 16014814]).

**LYZL4 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)