

**GLIPR1L1 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18024b****Specification**

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**GLIPR1L1 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q6UWM5](#)**GLIPR1L1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 256710**Other Names**

GLIPR1-like protein 1, GLIPR1L1

**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.

**GLIPR1L1 Antibody (C-term) Blocking Peptide - Protein Information****Name** GLIPR1L1**Function**

Required for optimal fertilization at the stage of sperm- oocyte fusion, plays a role in optimizing acrosome function, the translocation of IZUMO1 during the acrosome reaction and the fertilization process. Component of epididymosomes, one type of membranous microvesicles which mediate the transfer of lipids and proteins to spermatozoa plasma membrane during epididymal maturation. Also component of the CD9-positive microvesicles found in the cauda region.

**Cellular Location**

Cytoplasmic vesicle, secretory vesicle, acrosome {ECO:0000250|UniProtKB:Q9DAG6}. Cell membrane {ECO:0000250|UniProtKB:Q9DAG6}; Lipid-anchor, GPI-anchor; Extracellular side {ECO:0000250|UniProtKB:Q9DAG6}. Membrane raft {ECO:0000250|UniProtKB:Q32LB5}. Secreted {ECO:0000250|UniProtKB:Q9DAG6}. Note=Located in the connecting piece of elongated spermatids and sperm. Also located in the apical region of the sperm head after sperm capacitation (By similarity). Weakly attached to the cell membrane and later secreted into the extracellular space (By similarity). Located on sperm equatorial segment and neck (By similarity). Associated with epididymosomes from the caput and cauda epididymis (By similarity). {ECO:0000250|UniProtKB:Q32LB5, ECO:0000250|UniProtKB:Q9DAG6}

**Tissue Location**

Highly expressed in testis.

### **GLIPR1L1 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **GLIPR1L1 Antibody (C-term) Blocking Peptide - Images**

### **GLIPR1L1 Antibody (C-term) Blocking Peptide - Background**

The function of this protein remains unknown.

### **GLIPR1L1 Antibody (C-term) Blocking Peptide - References**

Ren, C., et al. Genomics 88(2):163-172(2006)Zhang, Z., et al. Protein Sci.  
13(10):2819-2824(2004)Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)