

**TMEM81 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP12504c****Specification**

---

**TMEM81 Antibody (Center) Blocking peptide - Product Information**Primary Accession [Q6P7N7](#)**TMEM81 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 388730**Other Names**

Transmembrane protein 81, TMEM81

**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.

**TMEM81 Antibody (Center) Blocking peptide - Protein Information****Name** TMEM81 ([HGNC:32349](#))**Function**

Essential fertilization factor required for male fertility. Part of a conserved trimeric sperm complex with the essential fertilization factors IZUMO1 and SPACA6 which bridges sperm and oocyte membranes during fertilization by binding to IZUMO1R/JUNO on the oocyte.

**Cellular Location**

Cell membrane {ECO:0000250|UniProtKB:B8JI67}; Single-pass type I membrane protein

**Tissue Location**

Highly expressed in sperm (at protein level).

**TMEM81 Antibody (Center) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**TMEM81 Antibody (Center) Blocking peptide - Images**

**TMEM81 Antibody (Center) Blocking peptide - Background**

The function of this protein remains unknown.

**TMEM81 Antibody (Center) Blocking peptide - References**

Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)