

ODF3 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11800b**Specification**

ODF3 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [Q96PU9](#)
Other Accession [NP_444510.2](#)

ODF3 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 113746

Other Names

Outer dense fiber protein 3, Outer dense fiber of sperm tails protein 3, Sperm tail protein SHIPPO 1, Transcript induced in spermiogenesis protein 50, ODF3, SHIPPO1, TISP50

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.

ODF3 Antibody (C-term) Blocking peptide - Protein Information

Name CIMAP1A ([HGNC:19905](#))

Function

Outer dense fibers are filamentous structures located on the outside of the axoneme in the midpiece and principal piece of the mammalian sperm tail. May help to maintain the passive elastic structures and elastic recoil of the sperm tail.

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q920N1}. Cell projection, cilium, flagellum
{ECO:0000250|UniProtKB:Q920N1} Note=Expressed in the cytoplasmic lobe of spermatids
{ECO:0000250|UniProtKB:Q920N1}

Tissue Location

Testis-specific. {ECO:0000269|PubMed:11870087, ECO:0000269|Ref.2}

ODF3 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ODF3 Antibody (C-term) Blocking peptide - Images

ODF3 Antibody (C-term) Blocking peptide - Background

ODF3 is a component of sperm flagella outer dense fibers, which add stiffness, elastic recoil, and protection against shearing forces during sperm movement.

ODF3 Antibody (C-term) Blocking peptide - References

Ross, M.T., et al. Nature 434(7031):325-337(2005)