

C11orf20 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP14718b**Specification**

C11orf20 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9NTU4](#)**C11orf20 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 25858**Other Names**

Testis-expressed sequence 40 protein, TEX40, C11orf20

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.

C11orf20 Antibody (C-term) Blocking Peptide - Protein Information**Name** CATSPERZ ([HGNC:19231](#))**Function**

Auxiliary component of the CatSper complex, a complex involved in sperm cell hyperactivation. Sperm cell hyperactivation is needed for sperm motility which is essential late in the preparation of sperm for fertilization. Required for a distribution of the CatSper complex in linear quadrilateral nanodomains along the flagellum, maximizing fertilization inside the mammalian female reproductive tract. Together with EFCAB9, associates with the CatSper channel pore and is required for the two-row structure of each single CatSper channel.

Cellular Location

Cell projection, cilium, flagellum membrane; Peripheral membrane protein. Note=Specifically located in the principal piece of sperm tail (PubMed:28226241). Although it does not contain a transmembrane domain, localizes with the CatSper complex at the flagellum membrane (PubMed:28226241).

C11orf20 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

C11orf20 Antibody (C-term) Blocking Peptide - Images

C11orf20 Antibody (C-term) Blocking Peptide - Background

C11orf20 may be involved in late spermatogenesis (By similarity).

C11orf20 Antibody (C-term) Blocking Peptide - References

Simpson, J.C., et al. EMBO Rep. 1(3):287-292(2000)