

C19orf20 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP5187c**Specification**

C19orf20 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q6ZTW0](#)**C19orf20 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 91978**Other Names**

Tubulin polyglutamylase complex subunit 1, PGs1, TPGS1, C19orf20

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.

C19orf20 Antibody (Center) Blocking Peptide - Protein Information**Name** TPGS1 ([HGNC:25058](#))**Synonyms** C19orf20**Function**

Subunit of the tubulin polyglutamylase complex (TPGC). The complex mediates cilia and flagella polyglutamylation which is essential for their biogenesis and motility (Probable). May act in the targeting of the tubulin polyglutamylase complex. Required for the development of the spermatid flagellum (By similarity).

Cellular Location

Cytoplasm, cytoskeleton, cilium axoneme {ECO:0000250|UniProtKB:Q99MS8}. Cytoplasm, cytoskeleton, flagellum axoneme {ECO:0000250|UniProtKB:Q99MS8}. Cytoplasm, cytoskeleton, cilium basal body {ECO:0000250|UniProtKB:Q99MS8}. Cytoplasm, cytoskeleton, flagellum basal body {ECO:0000250|UniProtKB:Q99MS8}. Cell projection, axon {ECO:0000250|UniProtKB:Q99MS8}. Cell projection, dendrite {ECO:0000250|UniProtKB:Q99MS8}. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome {ECO:0000250|UniProtKB:Q99MS8}. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriolar satellite. Note=Associated with microtubules from neurites, centrosomes, basal bodies and axonemes. {ECO:0000250|UniProtKB:Q99MS8}

C19orf20 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

C19orf20 Antibody (Center) Blocking Peptide - Images

C19orf20 Antibody (Center) Blocking Peptide - Background

C19orf20 may act in the targeting of the tubulin polyglutamylase complex. C19orf20 required for the development of the spermatid flagellum.

C19orf20 Antibody (Center) Blocking Peptide - References

Oh, J.H., et al. Mamm. Genome 16(12):942-954(2005)Regnard, C., et al. J. Cell. Sci. 116 (PT 20), 4181-4190 (2003)