

TEKT4 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP5081c**Specification**

TEKT4 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q8WW24](#)**TEKT4 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 150483**Other Names**

Tektin-4, TEKT4

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.

TEKT4 Antibody (Center) Blocking Peptide - Protein Information**Name** TEKT4 ([HGNC:31012](#))**Function**

Microtubule inner protein (MIP) part of the dynein-decorated doublet microtubules (DMTs) in cilia and flagellar axoneme (PubMed:36191189). Forms filamentous polymers in the walls of ciliary and flagellar microtubules (By similarity). Contributes to normal sperm motility (By similarity).

Cellular Location

Cytoplasm, cytoskeleton, cilium axoneme. Cell projection, cilium, flagellum {ECO:0000250|UniProtKB:Q149S1}. Note=Found in the abaxial (convex) surface of outer dense fibers in sperm flagella {ECO:0000250|UniProtKB:Q149S1}

Tissue Location

Strongly expressed in spermatozoa. Also detected at low levels in pancreas. Expressed in airway epithelial cells (PubMed:36191189).

TEKT4 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TEKT4 Antibody (Center) Blocking Peptide - Images

TEKT4 Antibody (Center) Blocking Peptide - Background

TEKT4 is structural component of ciliary and flagellar microtubules. TEKT4 forms filamentous polymers in the walls of ciliary and flagellar microtubules.

TEKT4 Antibody (Center) Blocking Peptide - References

Hillier, L.W., et al. Nature 434(7034):724-731(2005)