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

Specification

TEKT4 Antibody (Center) Blocking Peptide - Product Information

Primary 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

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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)