

TEKT1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP16728c**Specification**

TEKT1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q969V4](#)

TEKT1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 83659

Other Names

Tektin-1, TEKT1

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.

TEKT1 Antibody (Center) Blocking Peptide - Protein Information

Name TEKT1

Function

Microtubule inner protein (MIP) part of the dynein-decorated doublet microtubules (DMTs) in cilia and flagellar axoneme. Forms filamentous polymers in the walls of ciliary and flagellar microtubules.

Cellular Location

Cytoplasm, cytoskeleton, cilium axoneme. Cytoplasm, cytoskeleton, flagellum axoneme {ECO:0000250|UniProtKB:Q32KZ9}

Tissue Location

Predominantly expressed in testis. Expressed in airway epithelial cells (PubMed:36191189)

TEKT1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TEKT1 Antibody (Center) Blocking Peptide - Images**TEKT1 Antibody (Center) Blocking Peptide - Background**

This gene product belongs to the tektin family of proteins. Tektins comprise a family of filament-forming proteins that are coassembled with tubulins to form ciliary and flagellar microtubules. This gene is predominantly expressed in the testis and in mouse, tektin 1 mRNA was localized to the spermatocytes and around spermatids in the seminiferous tubules, indicating that it may play a role in spermatogenesis.

TEKT1 Antibody (Center) Blocking Peptide - References

Newby, P.R., et al. Eur. J. Hum. Genet. 18(9):1021-1026(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) Iguchi, N., et al. Mol. Hum. Reprod. 8(6):525-530(2002) Xu, M., et al. Int. J. Biochem. Cell Biol. 33(12):1172-1182(2001)