

TEKT2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP19286a**Specification**

TEKT2 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9UIF3](#)**TEKT2 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 27285**Other Names**

Tektin-2, Tektin-t, Testicular tektin, Testicular tektin B1-like protein, TEKTB1, Tektin-B1, TEKT2

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.

TEKT2 Antibody (N-term) Blocking Peptide - Protein Information**Name** TEKT2 ([HGNC:11725](#))**Function**

Microtubule inner protein (MIP) part of the dynein-decorated doublet microtubules (DMTs) in cilia and flagellar axoneme (PubMed:36191189). Plays a key role in the assembly or attachment of the inner dynein arm to microtubules in sperm flagella and tracheal cilia. Forms filamentous polymers in the walls of ciliary and flagellar microtubules.

Cellular Location

Cytoplasm, cytoskeleton, cilium axoneme. Cytoplasm, cytoskeleton, flagellum axoneme {ECO:0000250|UniProtKB:Q922G7}. Cytoplasm, cytoskeleton, microtubule organizing center {ECO:0000250|UniProtKB:Q922G7} Note=Colocalized with CCDC172 at the perinuclear region {ECO:0000250|UniProtKB:Q922G7}

Tissue Location

Expressed at high levels in testis, trachea and fetal lung, and at lower levels in ovary, pituitary, adult lung, fetal brain and fetal kidney.

TEKT2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TEKT2 Antibody (N-term) Blocking Peptide - Images

TEKT2 Antibody (N-term) 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 expressed in the testis and its protein is localized to the flagella of the sperms, indicating that it may play a role in spermatogenesis.

TEKT2 Antibody (N-term) Blocking Peptide - References

Zuccarello, D., et al. Hum. Reprod. 23(4):996-1001(2008) Tanaka, H., et al. Mol. Cell. Biol. 24(18):7958-7964(2004) Iguchi, N., et al. Mol. Hum. Reprod. 8(6):525-530(2002) Wolkowicz, M.J., et al. Biol. Reprod. 66(1):241-250(2002)