

TEKT4 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5081c**Specification**

TEKT4 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q8WW24
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	50649
Antigen Region	132-161

TEKT4 Antibody (Center) - Additional Information**Gene ID** 150483**Other Names**

Tektin-4, TEKT4

Target/Specificity

This TEKT4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 132-161 amino acids from the Central region of human TEKT4.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TEKT4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

TEKT4 Antibody (Center) - 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. Cytoplasm, cytoskeleton, flagellum axoneme {ECO:0000250|UniProtKB:Q149S1}. Note=Found in the abaxial (convex) surface of outer dense fibers in sperm flagella {ECO:0000250|UniProtKB:Q149S1}

Tissue Location

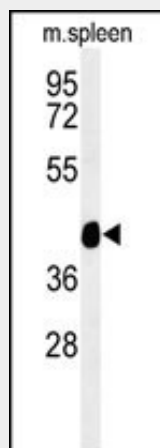
Strongly expressed in spermatozoa. Also detected at low levels in pancreas. Expressed in airway epithelial cells (PubMed:36191189).

TEKT4 Antibody (Center) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TEKT4 Antibody (Center) - Images



Western blot analysis of TEKT4 Antibody (Center) (Cat. #AP5081c) in mouse spleen tissue lysates (35ug/lane). TEKT4 (arrow) was detected using the purified Pab.

TEKT4 Antibody (Center) - 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) - References

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