

TEKT1 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16728c**Specification**

TEKT1 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O969V4
Other Accession	NP_444515.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	252-281

TEKT1 Antibody (Center) - Additional Information**Gene ID** 83659**Other Names**

Tektin-1, TEKT1

Target/Specificity

This TEKT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 252-281 amino acids from the Central region of human TEKT1.

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

TEKT1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

TEKT1 Antibody (Center) - 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

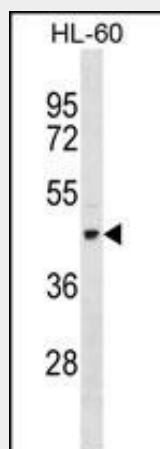
Predominantly expressed in testis. Expressed in airway epithelial cells (PubMed:36191189)

TEKT1 Antibody (Center) - 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](#)

TEKT1 Antibody (Center) - Images



TEKT1 Antibody (Center) (Cat. #AP16728c) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the TEKT1 antibody detected the TEKT1 protein (arrow).

TEKT1 Antibody (Center) - 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 round spermatids in the seminiferous tubules, indicating that it may play a role in spermatogenesis.

TEKT1 Antibody (Center) - 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)