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TEKT1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP16728c

Specification

TEKT1 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q969V4
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

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}

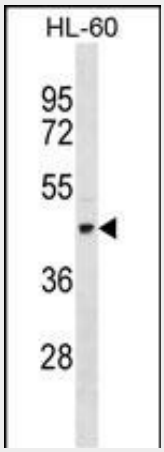
Tissue Location
Predominantly expressed in testis. Expressed in airway epithelial cells (PubMed:36191189)

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 Cytomety
- 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)