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TEKT4 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5081c

Product Information

Application	WB, E
Primary Accession	Q8WW24
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB26000
Calculated MW	50649
Antigen Region	132-161

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.

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).

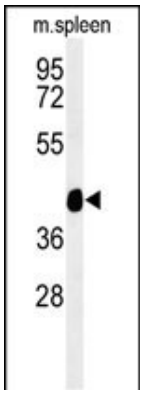
Background

TEKT4 is structural component of ciliary and flagellar microtubules. TEKT4 forms filamentous polymers in the walls of ciliary and flagellar microtubules.

References

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

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.