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TEKT5 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11523c

Product Information

Application	IHC-P, WB, E
Primary Accession	Q96M29
Other Accession	NP_653275.1
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB29546
Calculated MW	56294
Antigen Region	215-244

Additional Information

Gene ID	146279
Other Names	Tektin-5, TEKT5
Target/Specificity	This TEKT5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 215-244 amino acids from the Central region of human TEKT5.
Dilution	IHC-P~~1:100~500 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	TEKT5 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TEKT5
Function	Sperm-specific microtubule inner protein (MIP) part of the dynein-decorated doublet microtubules (DMTs) in flagellar axoneme. Forms an extensive interaction network in different conformations that reinforces

	the helix bundle composed by other tektin proteins (TEKT1 to TEKT4) and MIPs to anchor the tektin bundle onto the tubulin wall of A- tubule of the sperm flagellum.
Cellular Location	Cytoplasm, cytoskeleton, flagellum axoneme {ECO:0000250|UniProtKB:G5E8A8}

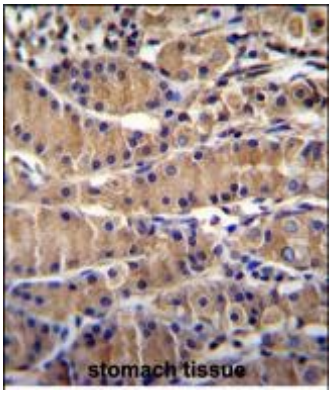
Background

Structural component of ciliary and flagellar microtubules. Forms filamentous polymers in the walls of ciliary and flagellar microtubules (By similarity).

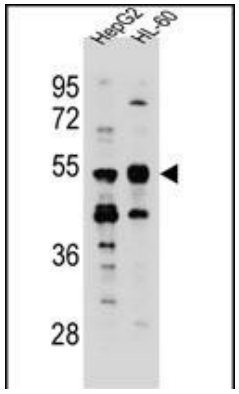
References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :

Images



TEKT5 Antibody (Center) (Cat. #AP11523c)immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of TEKT5 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



TEKT5 Antibody (Center) (Cat. #AP11523c) western blot analysis in HepG2,HL-60 cell line lysates (35ug/lane).This demonstrates the TEKT5 antibody detected the TEKT5 protein (arrow).

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