

## DATASHEET

# Tektin-5 Rabbit Polyclonal Antibody

CAT. NO. APA17086

### KEY FEATURES

Target	Tektin-5	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

### BACKGROUND

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.

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

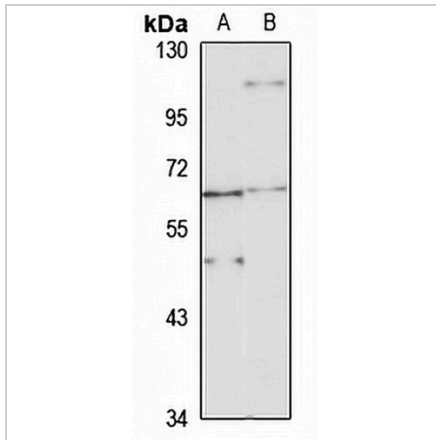
Description	Rabbit polyclonal antibody to Tektin-5
Specificity	Recognizes endogenous levels of Tektin-5 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Tektin-5. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 56 kD; Observed: 56 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Tektin-5
Gene Symbol	TEKT5
Entrez Gene	146279(Human)
SwissProt	Q96M29(Human)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of Tektin-5 expression in HepG2 (A), mouse liver (B) whole cell lysates. (Predicted band size: 56 kD; Observed band size: 56 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.