

**DATASHEET**

**WDR51B Rabbit Polyclonal Antibody**

CAT. NO. APA16537

**KEY FEATURES**

Target	WDR51B	Source / Host	Rabbit
Reactivity	Human	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**

Plays an important role in centriole assembly and/or stability and ciliogenesis . Involved in early steps of centriole duplication, as well as in the later steps of centriole length control . Acts in concert with POC1A to ensure centriole integrity and proper mitotic spindle formation . Required for primary cilia formation, ciliary length and also cell proliferation . Required for retinal integrity . Acts as a positive regulator of centriole elongation .

**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**

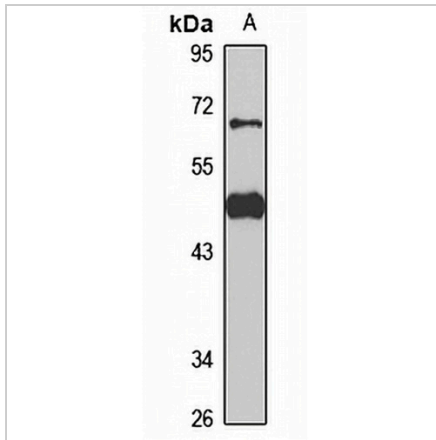
Description	Rabbit polyclonal antibody to WDR51B
Specificity	Recognizes endogenous levels of WDR51B protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human WDR51B. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 53 kD; Observed: 54 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	WDR51B; POC1 centriolar protein homolog B; Pix1; Proteome of centriole protein 1B; WD repeat-containing protein 51B
Gene Symbol	POC1B
Entrez Gene	282809(Human); 382406(Mouse)
SwissProt	Q8TC44(Human); Q8BHD1(Mouse); D3ZW91(Rat)

\*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 WDR51B expression in Jurkat (A) whole cell lysates. (Predicted band size: 53 kD; Observed band size: 54 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.