DATASHEET

CENPJ Rabbit Polyclonal Antibody

CAT. NO. APA15267

KEY FEATURES

Target	CENPJ	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

Plays an important role in cell division and centrosome function by participating in centriole duplication . Inhibits microtubule nucleation from the centrosome. Involved in the regulation of slow processive growth of centriolar microtubules. Acts as a microtubule plus-end tracking protein that stabilizes centriolar microtubules and inhibits microtubule polymerization and extension from the distal ends of centrioles . Required for centriole elongation and for STIL-mediated centriole amplification . Required for the recruitment of CEP295 to the proximal end of new-born centrioles at the centriolar microtubule wall during early S phase in a PLK4-dependent manner . May be involved in the control of centriolar-microtubule growth by acting as a regulator of tubulin release .

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

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to CENPJ
Specificity	Recognizes endogenous levels of CENPJ protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human CENPJ. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 124; Observed: 153 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	CPAP; LAP; LIP1; Centromere protein J; CENP-J; Centrosomal P4.1-associated protein; LAG-3-associated protein; LYST-interacting protein 1
Gene Symbol	CENPJ
Entrez Gene	55835(Human); 219103(Mouse)
SwissProt	Q9HC77(Human); Q569L8(Mouse)

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

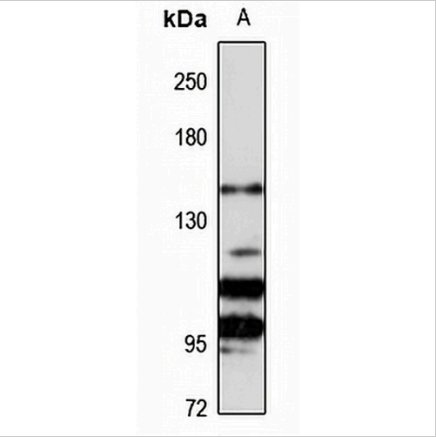
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

CENPJ Rabbit Polyclonal Antibody

CAT. NO. APA15267

DATA



Western blot analysis of CENPJ expression in Raji (A) whole cell lysates. (Predicted band size: 124; 153 kD; Observed band size: 153 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.