

Rabbit anti-Human CENPJ Polyclonal Antibody | anti-CENPJ antibody

CENPJ Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234550	Rabbit	Human	Immunofluorescence, Western Blot, ELISA

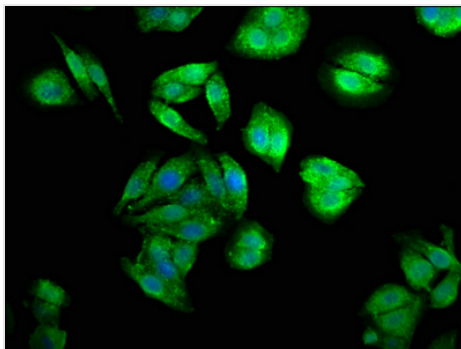
PRODUCT SYNONYMS

CENPJ; Polyclonal Antibody; CENPJ Antibody; Centromere protein J; CENP-J; Centrosomal P4.1-associated protein; LAG-3-associated protein; LYST-interacting protein 1; CPAP; LAP; LIP1; anti-CENPJ antibody

PRODUCT SPECIFICATIONS

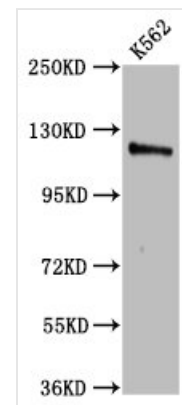
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1338
Applicable Applications for anti-CENPJ antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Recombinant Human Centromere protein J protein (1082-1248AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA234550 at 1:200, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



WB (Western Blot)

Western BlotPositive WB detected in: K562 whole cell lysateAll lanes: CENPJ antibody at 3.2ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 154, 125 KDaObserved band size: 125 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-CENPJ antibody	Plays an important role in cell division and centrosome function by participating in centriole duplication (PubMed:17681131, PubMed:20531387). Inhibits microtubule nucleation from the centrosome. Involved in the regulation of slow processive growth of centriolar microtubules. Acts as microtubule plus-end tracking protein that stabilizes centriolar microtubules and inhibits microtubule polymerization and extension from the distal ends of centrioles (PubMed:15047868, PubMed:27219064, PubMed:27306797). Required for centriole elongation and for STIL-mediated centriole amplification (PubMed:22020124). May be involved in the control of centriolar-microtubule growth by acting as a regulator of tubulin release (PubMed:27306797).
Product Categories/Family for anti-CENPJ antibody	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	130980075
NCBI GeneID	55835
NCBI Accession #	NP_060921.3
NCBI GenBank Nucleotide #	NM_018451.4
UniProt Accession #	Q9HC77; Q2KHM6; Q5JPD5; Q5T6R5; Q96KS5; Q9C067
Molecular Weight	124,244 Da
NCBI Official Full Name	centromere protein J
NCBI Official Synonym Full Names	centromere protein J
NCBI Official Symbol	CENPJ
NCBI Official Synonym Symbols	LAP; CPAP; LIP1; BM032; MCPH6; SASS4; SCKL4; Sas-4; CENP-J
NCBI Protein Information	centromere protein J
UniProt Protein Name	Centromere protein J
UniProt Gene Name	CENPJ
UniProt Synonym Gene Names	CPAP; LAP; LIP1; CENP-J

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cenpj-antibody-immunofluorescence-western-blot-elisa/234550>