

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

CENPK Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232318	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

CENPK; Polyclonal Antibody; CENPK Antibody; Centromere protein K (CENP-K) (Interphase centromere complex protein 37) (Protein AF-5alpha) (p33); ICEN37; anti-CENPK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid; PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	269
Applicable Applications for anti-CENPK antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Centromere protein K protein (1-269AA)
Conjugate	Non-conjugated
Species	Human
Research Area	Epigenetics and Nuclear Signaling
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitating CENPK in HeLa whole cell lysateLane 1: Rabbit control IgG instead of AAA232318 in HeLa whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000)Lane 2: AAA232318 (8 g) + HeLa whole cell lysate (500 g)Lane 3: HeLa whole cell lysate (10 g)



WB (Western Blot)

Western blot All lanes: CENPK antibody at 3.98 g/mLane 1: PC-3 whole cell lysateLane 2: 293T whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 32 kDaObserved band size: 32 kDa

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human liver tissue using AAA232318 at dilution of 1:100

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human skin tissue using AAA232318 at dilution of 1:100

ADDITIONAL INFORMATION**Related Product Information for anti-CENPK antibody**

Component of the CENPA-CAD (nucleosome distal) complex, a complex recruited to centromeres which is involved in assembly of kinetochore proteins, mitotic progression and chromosome segregation. May be involved in incorporation of newly synthesized CENPA into centromeres via its interaction with the CENPA-NAC complex. Acts in coordination with CASC5/KNL1 to recruit the NDC80 complex to the outer kinetochore.

NCBI AND UNIPROT INFORMATION

NCBI GI #	388490144
NCBI GeneID	64105
NCBI Accession #	NP_001253967.1
NCBI GenBank Nucleotide #	NM_001267038.1
UniProt Accession #	Q9BS16; Q9H4L0
NCBI Official Full Name	centromere protein K
NCBI Official Synonym Full Names	centromere protein K
NCBI Official Symbol	CENPK
NCBI Official Synonym Symbols	P33; Solt; CENP-K; FKSG14; AF5alpha
NCBI Protein Information	centromere protein K
UniProt Protein Name	Centromere protein K
UniProt Gene Name	CENPK
UniProt Synonym Gene Names	ICEN37; CENP-K
UniProt Entry Name	CENPK_HUMAN

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/cenpk-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/232318>