

Rabbit CENPI Polyclonal Antibody | anti-CENPI antibody

Anti-CENPI Antibody Picoband

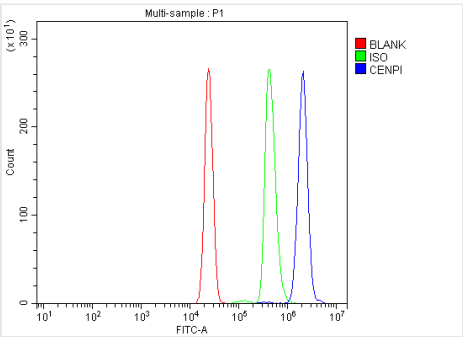
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126569	Rabbit	Human, Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

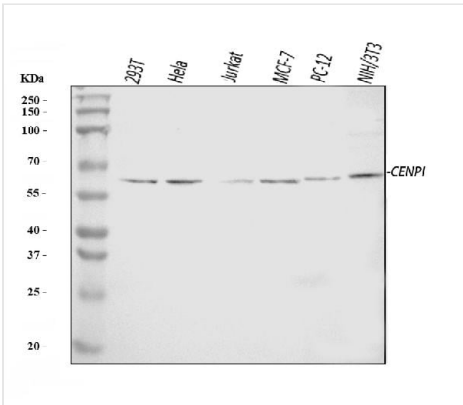
CENPI; Polyclonal Antibody; Anti-CENPI Antibody Picoband; anti-CENPI antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-CENPI antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human CENPI recombinant protein (Position: K120-C604).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.



FCM/FACS (Flow Cytometry)
Figure 2. Flow Cytometry analysis of U937 cells using anti-CENPI antibody (AAA126569). Overlay histogram showing U937 cells stained with AAA126569 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-CENPI Antibody (AAA126569, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



WB (Western Blot)
Figure 1. Western blot analysis of CENPI using anti-CENPI antibody (AAA126569). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human 293T whole cell lysates, Lane 2: human HeLa whole cell lysates, Lane 3: human Jurkat whole cell lysates, Lane 4: human MCF-7 whole cell lysates, Lane 5: rat PC-12 whole cell lysates, Lane 6: mouse NIH/3T3 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-CENPI antigen affinity purified polyclonal antibody (#AAA126569) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for CENPI at approximately 60 kDa. The expected band size for CENPI is at 60 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CENPI antibody	Centromere protein I is a protein that in humans is encoded by the CENPI gene.
Product Categories/Family for anti-CENPI antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	41352697
NCBI GeneID	2491
NCBI Accession #	NP_006724.2
NCBI GenBank Nucleotide #	NM_006733.2
UniProt Accession #	Q92674; Q5JWZ9; Q96ED0
Molecular Weight	86,720 Da
NCBI Official Full Name	centromere protein I
NCBI Official Synonym Full Names	centromere protein I
NCBI Official Symbol	CENPI
NCBI Official Synonym Symbols	Mis6; LRPR1; CENP-I; FSHPRH1
NCBI Protein Information	centromere protein I; FSH primary response 1; FSH primary response protein 1; leucine-rich primary response protein 1; interphase centromere complex protein 19; follicle-stimulating hormone primary response protein
UniProt Protein Name	Centromere protein I

UniProt Gene Name	CENPI
UniProt Synonym Gene Names	FSHPRH1; ICEN19; LRPR1; CENP-I
UniProt Entry Name	CENPI_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/cenpi-antibody-flow-cytometry-western-blot-elisa/126569>