

Rabbit anti-Human, Rat CENPA Polyclonal Antibody | anti-CENPA antibody

Anti-CENPA (Phospho-S7) Antibody

CATALOG # AAA265047	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunofluorescence, Western Blot
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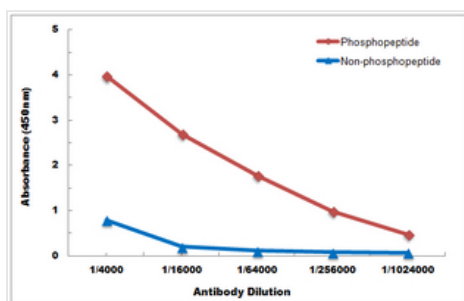
PRODUCT SYNONYMS

CENPA; Polyclonal Antibody; Anti-CENPA (Phospho-S7) Antibody; anti-CENPA antibody

PRODUCT SPECIFICATIONS

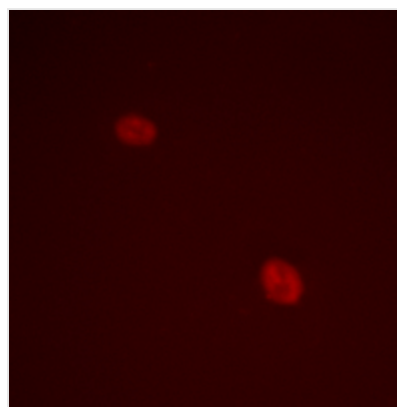
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of CENPA protein only when phosphorylated at S7.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-CENPA antibody	IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S7 of human CENPA protein. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



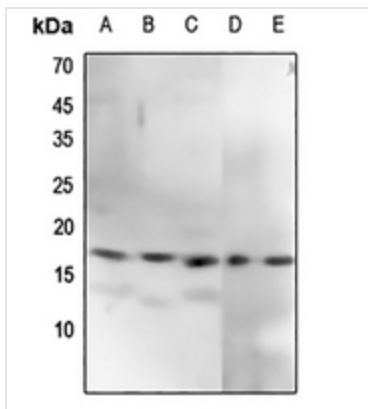
ELISA

Direct ELISA antibody dose-response curve using Anti-CENPA (Phospho-S7) Antibody. Antigen (Phosphopeptide and non-phosphopeptide) concentration is 5 ug/ml. Goat Anti-Rabbit IgG (H&L) - HRP was used as the secondary antibody, and signal was developed by TMB substrate.



IF (Immunofluorescence)

Immunofluorescent analysis of CENPA (Phospho-S7) staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of CENPA (Phospho-S7) expression in HEK293T (A), HeLa (B), DLD (C), rat testis (D), rat spleen (E) whole cell lysates. (Predicted band size: 15 kD; Observed band size: 17 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-CENPA antibody	Rabbit polyclonal antibody to CENPA (Phospho-S7)
Product Categories/Family for anti-CENPA antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	109637779
NCBI GeneID	1058
NCBI Accession #	NP_001035891.1
NCBI GenBank Nucleotide #	NM_001042426.1
UniProt Accession #	P49450; Q53T74; Q9BVW2; D6W544
Molecular Weight	15,991 Da
NCBI Official Full Name	histone H3-like centromeric protein A isoform b
NCBI Official Synonym Full Names	centromere protein A
NCBI Official Symbol	CENPA
NCBI Official Synonym Symbols	CenH3; CENP-A
NCBI Protein Information	histone H3-like centromeric protein A; centromere autoantigen A; centromere protein A, 17kDa; centromere-specific histone
UniProt Protein Name	Histone H3-like centromeric protein A
UniProt Gene Name	CENPA
UniProt Synonym Gene Names	CENP-A
UniProt Entry Name	CENPA_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/cenpa-antibody-immunochemistry-immunofluorescence-western-blot-elisa/265047>