

Rabbit CENPA Polyclonal Antibody | anti-CENPA antibody

CENPA antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199647	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Zebrafish	Western Blot

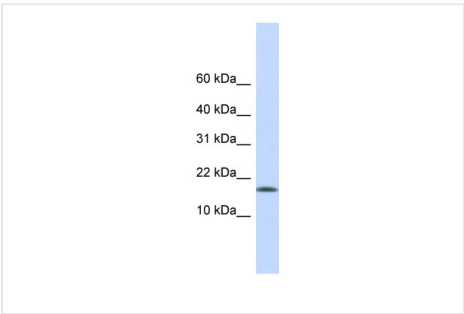
PRODUCT SYNONYMS

CENPA; Polyclonal Antibody; CENPA antibody - middle region; anti-CENPA antibody

PRODUCT SPECIFICATIONS

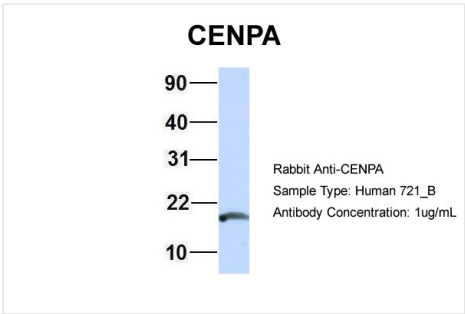
Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following sequence: AL QEAAEAFVH LFEDAYLLTL HAGRVTLFPK DVQLARRIRG LEEGLG
Sequence Length	140
Applicable Applications for anti-CENPA antibody	WB (Western Blot)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human CENPA
Homology	Cow: 100%; Dog: 100%; Goat: 77%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 86%; Rabbit: 100%; Rat: 100%; Zebrafish: 85%
Protein Size (# AA)	140 amino acids
Blocking Peptide	For anti-CENPA antibody is Catalog #
Protein Interactions	HIST1H4A; HIST1H2AB; H3F3A; HIST1H2BB; DIAPH3; DIAPH1; NPM1; HIST1H1A; H2AFZ; H2AFX; CENPC; CENPB; HIST3H2BB; HIST4H4; CENPT; CENPU; CENPM; CENPH; CENPN; HJURP; SUPT16H; H2AFY; AURKB; HIST1H3E; HIST2H2AC; SSRP1; RUVBL1; XRCC5; PRKDC; HNRNPU; EIF4A1; DDX5;
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-CENPA Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:62500Positive Control: Hela cell lysate.CENPA is strongly supported by BioGPS gene expression data to be expressed in HeLa



WB (Western Blot)

Host: RabbitTarget Name: CENPASample Type: 721_BAntibody Dilution: 1.0ug/mlCENPA is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells

ADDITIONAL INFORMATION

Related Product Information for anti-CENPA antibody	Target Description: Centromeres are the differentiated chromosomal domains that specify the mitotic behavior of chromosomes. CENPA is a centromere protein which contains a histone H3 related histone fold domain that is required for targeting to the centromere. CENPA is proposed to be a component of a modified nucleosome or nucleosome-like structure in which it replaces 1 or both copies of conventional histone H3 in the (H3-H4)2 tetrameric core of the nucleosome particle.Centromeres are the differentiated chromosomal domains that specify the mitotic behavior of chromosomes. CENPA encodes a centromere protein which contains a histone H3 related histone fold domain that is required for targeting to the centromere. CENPA is proposed to be a component of a modified nucleosome or nucleosome-like structure in which it replaces 1 or both copies of conventional histone H3 in the (H3-H4)2 tetrameric core of the nucleosome particle. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
Product Categories/Family for anti-CENPA antibody	Polyclonal; Chromatin & Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502775
NCBI GeneID	1058
NCBI Accession #	NP_001800
NCBI GenBank Nucleotide #	NM_001809
UniProt Accession #	P49450
Molecular Weight	16kDa
NCBI Official Full Name	histone H3-like centromeric protein A isoform a
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
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-western-blot-elisa/199647>