

Datasheet for ABIN7155420

anti-CENPA antibody (AA 1-50) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CENPA
Binding Specificity:	AA 1-50
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CENPA antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Histone H3-like centromeric protein A protein (1-50AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CENPA
Alternative Name:	CENPA (CENPA Products)
Background:	Background: Histone H3-like variant which exclusively replaces conventional H3 in the nucleosome core of centromeric chromatin at the inner plate of the kinetochore. Required for

Target Details

recruitment and assembly of kinetochore proteins, mitotic progression and chromosome segregation. May serve as an epigenetic mark that propagates centromere identity through replication and cell division. The CENPA-H4 heterotetramer can bind DNA by itself (in vitro).
Aliases: CENP A antibody, CENP-A antibody, cenpa antibody, CENPA_HUMAN antibody, Centromere autoantigen A antibody, Centromere protein A 17 kDa antibody, Centromere protein A antibody, Histone H3 like centromeric protein A antibody, Histone H3-like centromeric protein A antibody

UniProt: [P49450](#)

Pathways: [Chromatin Binding](#), [Maintenance of Protein Location](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.