

Datasheet for ABIN232755
anti-CENPA antibody (AA 4-17)



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Overview

Quantity:	100 µL
Target:	CENPA
Binding Specificity:	AA 4-17
Reactivity:	Human, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CENPA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide (RRRSRKPEAPRRRS) corresponding to amino acids 4-17 of human CENP-A. KLH conjugated. Percent identity by BLAST analysis: Human, Gorilla, Monkey (100%), Gibbon, Rabbit (93%), Nectri (86%). Type of Immunogen: Synthetic peptide - KLH conjugated
Isotype:	IgG
Specificity:	Recognizes human CENP-A, Mr17kD. Broad species cross-reactivity predicted due to sequence conservation.
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Gorilla, Monkey (100%) Gibbon, Rabbit (93%) Nectri (86%).
Purification:	Immunoaffinity purified

Target Details

Target:	CENPA
Alternative Name:	CENPA / CENP-A (CENPA Products)
Background:	Name/Gene ID: CENPA Synonyms: CENPA, Centromere autoantigen A, Centromere-specific histone, CenH3, Centromere protein A, Centromere protein A, 17 kDa, CENP-A, Centromere protein A (17kD)
Gene ID:	1058
UniProt:	P49450
Pathways:	Chromatin Binding , Maintenance of Protein Location

Application Details

Application Notes:	Approved: WB Usage: Suitable for use in Western Blot analysis. Western Blot Analysis: 1:200-1:1000 detected CENP-A in RIPA lysates from HeLa acid extracted histones. 20 µg control histones, were resolved by electrophoresis, transferred to nitrocellulose and probed with 2 µg/mL anti-CENP-A. Proteins were visualized using a goat anti-rabbit secondary antibody conjugated to HRP and a chemiluminescence detection system.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	0.1 M Tris-glycine, pH 7.4, 0.15 M sodium chloride, 5 mg/mL BSA, 0.05 % sodium azide, 30 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.