Datasheet for ABIN7453389

anti-CENPF antibody (AA 1800-1850)

Go to Product page

Overview

Quantity:	100 µg
Target:	CENPF
Binding Specificity:	AA 1800-1850
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CENPF antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunofluorescence (fixed cells) (IF/ICC)

Product Details

Purpose:	Rabbit anti-CENP-F/Mitosin Antibody, Affinity Purified
Immunogen:	between AA 1800 and 1850
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	CENPF
Alternative Name:	CENP-F/Mitosin (CENPF Products)
Background:	Background: Centromere protein F (CENP-F) is a microtubule binding protein and component of the kinetochore. It is essential for kinetochore attachment, chromosome alignment, and the

Target Details

	spindle checkpoint. CENP-F appears to be important to the association of the NudE-related proteins Ndel1 and Nde1 to the Lis1/dynein motor complex and their role in kinetochore function. CENP-F is a farnesylated protein and the farnesylation of CENP-F appears to be central to its role in mediating kinetochore-microtubule interactions as well as its degradation after mitosis. Recently, CENP-F expression has been correlated with markers of poor outcome in breast cancer.
Gene ID:	1063
UniProt:	P49454
Pathways:	Chromatin Binding, M Phase, SARS-CoV-2 Protein Interactome, The Global Phosphorylation Landscape of SARS-CoV-2 Infection

Application Details

Application Notes:	ICC-IF: 1:500 - 1:2,000. Acetone fixation is recommended. IP: 2 - 5 µg/mg lysate WB: Not recommended. Use rabbit anti-CENP-F/Mitosin antibody A301-617A.
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Expiry Date:	12 months