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## Datasheet for ABIN7454765 **anti-CENPF antibody (AA 2350-2400)**

### Overview

Quantity:	20 µg
Target:	CENPF
Binding Specificity:	AA 2350-2400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CENPF antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

### Product Details

Purpose:	Rabbit anti-CENP-F/Mitotin Antibody, Affinity Purified
Immunogen:	between AA 2350 and 2400
Isotype:	IgG
Purification:	Affinity Purified

### Target Details

Target:	CENPF
Alternative Name:	CENP-F/Mitotin ( <a href="#">CENPF Products</a> )
Background:	Background: Centromere protein F (CENP-F) is a microtubule binding protein and component of

## Target Details

the kinetochore. It is essential for kinetochore attachment, chromosome alignment, and the spindle checkpoint. CENP-F appears to be important to the association of the NudE-related proteins Nde1 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: IHC: 1:200 - 1:1,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.  
IP: 2 - 5 µg/mg lysate  
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

## Handling

Concentration: 200 µg/mL

Buffer: Tris-buffered Saline containing 0.1 % BSA and 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