

Datasheet for ABIN1417080

**anti-CENPK antibody (AA 51-150) (Cy5)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | CENPK                                                                                                                          |
| Binding Specificity: | AA 51-150                                                                                                                      |
| Reactivity:          | Human                                                                                                                          |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This CENPK antibody is conjugated to Cy5                                                                                       |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                                                 |
|-----------------------|---------------------------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human FKSG14/Centromere protein K |
| Isotype:              | IgG                                                                             |
| Predicted Reactivity: | Human, Mouse, Rat, Cow, Sheep, Pig, Horse                                       |
| Purification:         | Purified by Protein A.                                                          |

## Target Details

|                   |                                                                                |
|-------------------|--------------------------------------------------------------------------------|
| Target:           | CENPK                                                                          |
| Alternative Name: | Centromere protein K ( <a href="#">CENPK Products</a> )                        |
| Background:       | Synonyms: AF5 alpha, AF5alpha, B130045K24Rik, BB232189, C530004N04Rik, CENP K, |

## Target Details

CENPK, Centromere protein K, Centromeric protein K, FKSG 14, ICEN 37, ICEN37, Interphase centromere complex protein 37, Leucine zipper protein FKSG14, OTTHUMP00000161888, P33, Protein AF 5alpha, Protein AF5alpha, Solt, Solzt, SoxLZ/Sox6 binding protein Solt, SoxLZ/Sox6 leucine zipper binding protein, CENPK\_HUMAN.

Background: FKSG14, also known as CENPK (centromere protein K) is a component of the CENPA-CAD (nucleosome distal) complex. It may be involved in incorporation of CENPA into centromeres and is required for proper kinetochore function, mitotic progression and chromosome segregation. May be involved in incorporation of newly synthesized CENPA into centromeres via its interaction with the CENPA-NAC complex. Acts in coordination with CASC5/KNL1 to recruit the NDC80 complex to the outer kinetochore. FKSG14 constitutively localized to centromeres throughout the cell cycle. There are 3 isoforms produced by alternative splicing.

Gene ID: 64105

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months