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Datasheet for ABIN1385650
anti-CENPK antibody (AA 51-150)

Overview

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

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 (CENPK Products)

Target Details

Background: Synonyms: AF5 alpha, AF5alpha, B130045K24Rik, BB232189, C530004N04Rik, CENP K, 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: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
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: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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.

Handling

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months