

# CENPK Rabbit pAb

Catalog No.: A7627

## Basic Information

### Observed MW

37kDa

### Calculated MW

32kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human

## Background

CENPK is a subunit of a CENPH (MIM 605607)-CENPI (MIM 300065)-associated centromeric complex that targets CENPA (MIM 117139) to centromeres and is required for proper kinetochore function and mitotic progression (Okada et al., 2006 [PubMed 16622420]).

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

64105

### Swiss Prot

Q9BS16

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-269 of human CENPK (NP\_071428.2).

### Synonyms

P33; Solt; CENP-K; FKSG14; AF5alpha; CENPK

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

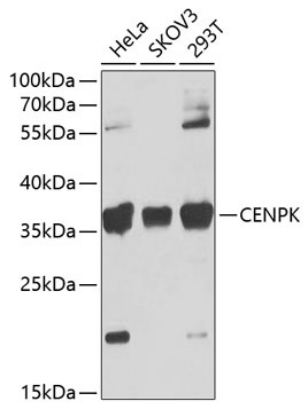
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using CENPK Antibody (A7627) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.