

# HEC1/NDC80 Rabbit pAb

Catalog No.: A5411

## Basic Information

### Observed MW

80kDa

### Calculated MW

74kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse

## Background

This gene encodes a component of the NDC80 kinetochore complex. The encoded protein consists of an N-terminal microtubule binding domain and a C-terminal coiled-coiled domain that interacts with other components of the complex. This protein functions to organize and stabilize microtubule-kinetochore interactions and is required for proper chromosome segregation.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

10403

### Swiss Prot

O14777

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 343-642 of human HEC1/HEC1/NDC80 (NP\_006092.1).

### Synonyms

HEC; HEC1; TID3; KNTC2; HsHec1; hsNDC80; HEC1/NDC80

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

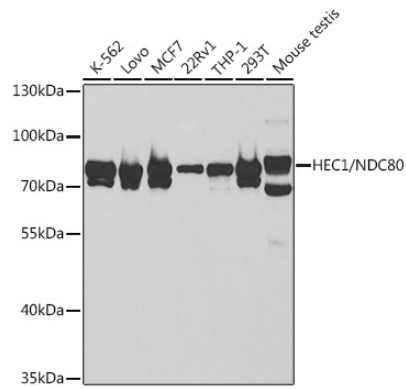
### Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using HEC1/HEC1/NDC80 antibody (A5411) 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: 60s.