

## Anti-CENPV antibody

<b>Cat. No.</b>	ml262083
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-CENPV rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Synthetic peptide of human CENPV
<b>Reactivity</b>	Human, Mouse
<b>Content</b>	0.5 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	CENPV
<b>Full name</b>	centromere protein V

**Synonyms** p30; PRR6; CENP-V; 3110013H01Rik

**Swissprot** Q7Z7K6

### **Target Background**

CENPV orthologs were detected in a range of species, including plants, but the proline-rich region was detected only in primates, rodents, birds, and amphibians, and long proline stretches were found only in primates. Northern blot analysis showed ubiquitous Cenpv expression in mouse tissues, with highest expression in testis, followed by small intestine, brain, and kidney. Immunofluorescence microscopy of mouse fibroblasts revealed colocalization of Cenpv with stabilized cytoplasmic microtubules. Western blot analysis of Ramos B cells detected CENPV at an apparent molecular mass of 40 kD.

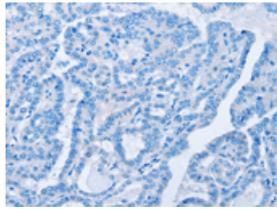
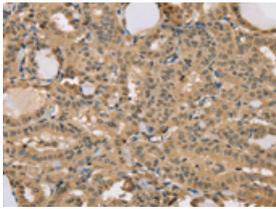
## Applications

### Immunohistochemistry

Predicted cell location: Nucleus

Positive control: Human thyroid cancer

Recommended dilution: 50-200

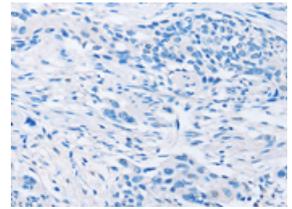
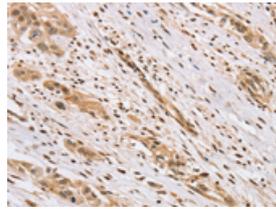


The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml262083(CENPV Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

Predicted cell location: Nucleus

Positive control: Human esophagus cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml262083(CENPV Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 30 kDa

Positive control: Raji, Jurkat, 293T and hela cells

Recommended dilution: 500-2000

订购热线: 4008-898-798

Gel: 10%SDS-PAGE

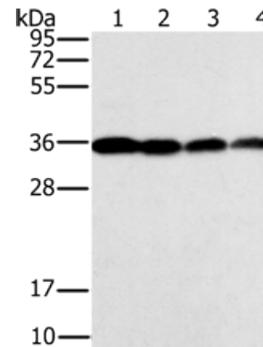
Lysate: 40  $\mu$ g

Lane 1-4: Raji cells, Jurkat cells, 293T cells, hela cells

Primary antibody: ml262083(CENPV Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 second



## ELISA

Recommended dilution: 2000-5000

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