

## CENPT Rabbit pAb

CatalogNo: YN1584

### | Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human,Rat,Mouse,

#### Applications

- WB,ELISA

#### MW

- 61kD (Observed)

#### Isotype

- IgG

### | Recommended Dilution Ratios

**WB 1:500-2000**

**ELISA 1:5000-20000**

### | Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol,0.5% BSA and 0.02% sodium azide.

### | Basic Information

**Clonality** Polyclonal

### | Immunogen Information

**Immunogen** Synthesized peptide derived from human protein . at AA range: 20-100

**Specificity** CENPT Polyclonal Antibody detects endogenous levels of protein.

### | Target Information

**Gene name** CENPT C16orf56 ICEN22

<b>Protein Name</b>	Centromere protein T (CENP-T) (Interphase centromere complex protein 22)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">80152</a> ;	<a href="#">Q96BT3</a> ;
	Mouse		<a href="#">Q3TJM4</a> ;
	Rat		<a href="#">Q561R1</a> ;
<b>Cellular Localization</b>	Nucleus. Chromosome, centromere . Chromosome, centromere, kinetochore . Constitutively localizes to centromeres throughout the cell cycle, and to kinetochores during mitosis. Localizes to the inner kinetochore, and may connect it to the outer kinetochore via its N-terminus. .		
<b>Tissue specificity</b>	Brain,Epithelium,Lung,Uterus,		
<b>Function</b>	Function:Component of the CENPA-NAC (nucleosome-associated) complex, a complex that plays a central role in assembly of kinetochore proteins, mitotic progression and chromosome segregation. The CENPA-NAC complex recruits the CENPA-CAD (nucleosome distal) complex and may be involved in incorporation of newly synthesized CENPA into centromeres.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,subcellular location:Localizes exclusively in the kinetochore domain of centromeres.,subunit:Component of the CENPA-NAC complex, at least composed of CENPA, CENPC, CENPH, CENPM, CENPN, CENPT and MLF1IP/CENPU. The CENPA-NAC complex interacts with the CENPA-CAD complex, composed of CENPI, CENPK, CENPL, CENPO, CENPP, CENPQ, CENPR and CENPS.,		

| Validation Data

| Contact information

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