

CENPO Rabbit pAb

CatalogNo: YN1581

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 33kD (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: 220-300

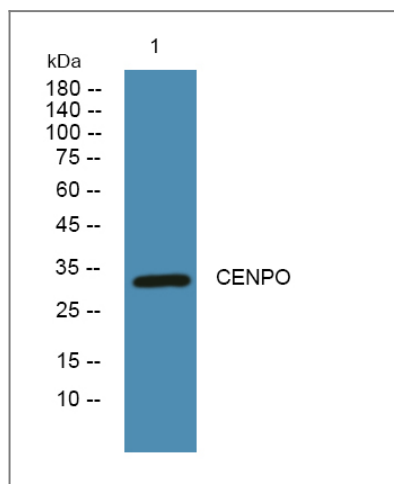
Specificity CENPO Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name CENPO ICEN36 MCM21R

Protein Name	Centromere protein O (CENP-O) (Interphase centromere complex protein 36)		
	Organism	Gene ID	UniProt ID
	Human	79172;	Q9BU64;
	Mouse		Q8K015;
Cellular Localization	Nucleus. Chromosome, centromere. Chromosome, centromere, kinetochore. The CENPA-CAD complex is probably recruited on centromeres by the CENPA-NAC complex.		
Tissue specificity	Lung,Placenta,		
Function	Function:Component of the CENPA-CAD (nucleosome distal) complex, a complex recruited to centromeres which is involved in assembly of kinetochore proteins, mitotic progression and chromosome segregation. May be involved in incorporation of newly synthesized CENPA into centromeres via its interaction with the CENPA-NAC complex.,subcellular location:Localizes exclusively in the centromeres. The CENPA-CAD complex is probably recruited on centromeres by the CENPA-NAC complex.,subunit:Component of the CENPA-CAD complex, composed of CENPI, CENPK, CENPL, CENPO, CENPP, CENPQ, CENPR and CENPS. The CENPA-CAD complex interacts with the CENPA-NAC complex, at least composed of CENPA, CENPC, CENPH, CENPM, CENPN, CENPT and MLF1IP/CENPU.,		

Validation Data



Western blot analysis of lysates from SW480 cells, primary antibody was diluted at 1:1000, 4° over night

Contact information

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