



# CENPE rabbit pAb

货号	BYab-17900
同位型	IgG
应用	WB
种属	Human;Mouse
靶点	CENPE
基因名称	CENPE
蛋白名称	Centromere-associated protein E (Centromere protein E) (CENP-E) (Kinesin-related protein CENPE)
免疫原	Synthesized peptide derived from human CENPE
特异性	This antibody detects endogenous levels of CENPE at Human, Mouse
组成	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
来源	Polyclonal, Rabbit,IgG
稀释	WB 1:500-2000
纯化工艺	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
分子量	297kD
功能	Microtubule plus-end-directed kinetochore motor which plays an important role in chromosome congression, microtubule-kinetochore conjugation and spindle assembly checkpoint activation. Drives chromosome congression (alignment of chromosomes at the spindle equator resulting in the formation of the metaphase plate) by mediating the lateral sliding of polar chromosomes along spindle microtubules towards the spindle equator and by aiding the establishment and maintenance of connections between kinetochores and spindle microtubules . The transport of pole-proximal chromosomes towards the spindle equator is favored by microtubule tracks that are detyrosinated . Acts as a processive bi-directional tracker of dynamic microtubule tips; after chromosomes have congressed, continues to play an active role at kinetochores, enhancing their links with dynamic microtubule ends . Suppresses chromosome c
细胞定位	Chromosome, centromere, kinetochore . Cytoplasm, cytoskeleton, spindle . Chromosome, centromere . Associates with kinetochores during congression (as early as prometaphase), relocates to the spindle midzone at anaphase, and is quantitatively discarded at the end of the cell division (By similarity). Recruited to the kinetochore in a SEPT7, CENPQ and TRAPPC12-dependent manner (PubMed:18460473, PubMed:25918224, PubMed:25395579). Recruited to the pericentromeric/centromeric regions of the chromosome in a CTCF-dependent manner (PubMed:26321640).
浓度	1 mg/ml

Nanjing BYabscience technology Co.,Ltd



储存	-15°C to -25°C/1 year(Do not lower than -25°C)
有关注意事项	Avoid repeated freezing and thawing!
使用建议	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images