

bs-8459R**[Primary Antibody]****Centromere protein K Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:50-200) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Pig, Sheep, Cow, Horse) Predicted MW.: 32 kDa Subcellular Location: Nucleus
Clonality: Polyclonal		
GeneID: 64105	SWISS: Q9BS16	
Target: Centromere protein K		
Immunogen: KLH conjugated synthetic peptide derived from human FKSG14/Centromere protein K: 51-150/269.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: FKSG14, also known as CENPK (centromere protein K) is a component of the CENPA-CAD (nucleosome distal) complex. It may be involved in incorporation of CENPA into centromeres and is required for proper kinetochore function, mitotic progression and chromosome segregation. May be involved in incorporation of newly synthesized CENPA into centromeres via its interaction with the CENPA-NAC complex. Acts in coordination with CASC5/KNL1 to recruit the NDC80 complex to the outer kinetochore. FKSG14 constitutively localized to centromeres throughout the cell cycle. There are 3 isoforms produced by alternative splicing.		

— SELECTED CITATIONS —

- **[IF=7.701]** Tian, Hongwei. et al. Centromeric protein K (CENPK) promotes gastric cancer proliferation and migration via interacting with XRCC5. GASTRIC CANCER. 2022 Jun;;1-17 IHC,WB ;Human. 35715658