

bs-13836R**[Primary Antibody]****Bioss**
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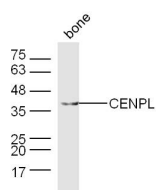
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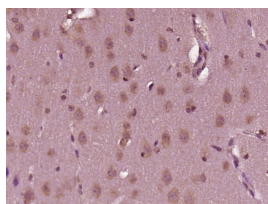
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CENPL Rabbit pAb**— DATASHEET —**

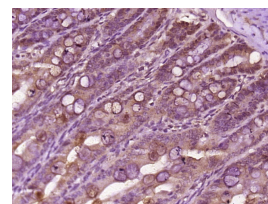
Host: Rabbit Clonality: Polyclonal GeneID: 91687 Target: CENPL Immunogen: KLH conjugated synthetic peptide derived from human CENPL: 51-150/344. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: CENPL is a subunit of a CENPH (MIM 605607)-CENPI (MIM 300065)-associated centromeric complex that targets CENPA (MIM 117139) to centromeres and is required for proper kinetochore function and mitotic progression (Okada et al., 2006) [PubMed 16622420].[supplied by OMIM, Mar 2008]	Isotype: IgG SWISS: Q8N0S6	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse, Rat (predicted: Human, Pig, Cow, Dog, Horse) Predicted MW.: 39 kDa Subcellular Location: Cytoplasm ,Nucleus
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— VALIDATION IMAGES —

Sample: bone (Mouse) Lysate at 40 ug Primary: Anti-CENPL(bs-13836R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 39 kD
Observed band size: 39 kD



Paraformaldehyde-fixed, paraffin embedded (rat brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CENPL) Polyclonal Antibody, Unconjugated (bs-13836R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat colon tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CENPL) Polyclonal Antibody, Unconjugated (bs-13836R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=4.638]** Cui Zhongyuan. et al. Overexpression of CENPL mRNA potentially regulated by miR-340-3p predicts the prognosis of pancreatic cancer patients. BMC CANCER. 2022 Dec;22(1):1-10 IHC ;Human. 36572856
- **[IF=4]** Kun He. et al. CENPL accelerates cell proliferation, cell cycle, apoptosis, and glycolysis via the MEK1/2-ERK1/2 pathway in hepatocellular carcinoma. INT J BIOCHEM CELL B. 2023 Oct;:106481 IHC ;Human. 37914022
- **[IF=3.434]** Cui Zhongyuan. et al. High mRNA Expression of CENPL and Its Significance in Prognosis of Hepatocellular Carcinoma Patients. Dis Markers. 2021;2021:9971799 IHC ;Human. 34457090