

bs-22614R**[Primary Antibody]****BLM Rabbit pAb****Bioss**
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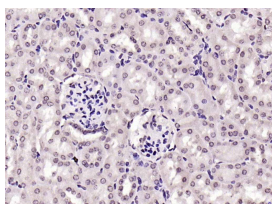
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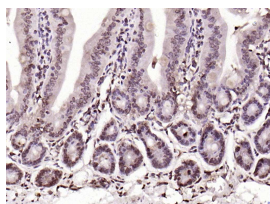
400-901-9800

— DATASHEET —

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| Host: Rabbit Clonality: Polyclonal GeneID: 641 Target: BLM Immunogen: KLH conjugated synthetic peptide derived from human BLM: 761-860/1417. 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: Bloom' s syndrome is an autosomal recessive disorder characterized by pre- and post-natal growth deficiencies, sun sensitivity, immunodeficiency and a predisposition to various cancers. The gene responsible for Bloom' s syndrome, BLM, encodes a protein homologous to the RecQ helicase of E. coli and is mutated in most Bloom' s syndrome patients. One characteristic of Bloom' s syndrome is an increased frequency of sister chromatid exchange (SCE). BLM has been shown to unwind G4 DNA, and a failure of this function is thought to be responsible for the increased rate of SCE. BLM is known to be translocated to the nucleus, where its ATPase activity is stimulated by both single- and double-stranded DNA. Mutations in the yeast SGS1, a homolog of BLM, are known to cause mitotic hyperrecombination similar to that observed in Bloom' s cells. | Isotype: IgG SWISS: P54132 Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse, Rat (predicted: Human, Rabbit, Pig, Horse) Predicted MW.: 159 kDa Subcellular Location: Nucleus |
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— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (mouse kidney); 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 (BLM) Polyclonal Antibody, Unconjugated (bs-22614R) 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 (mouse intestine); 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 (BLM) Polyclonal Antibody, Unconjugated (bs-22614R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.